

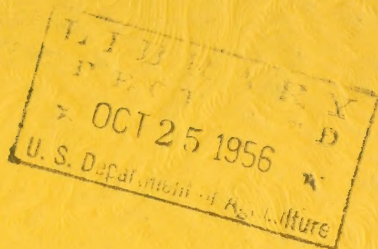
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The Shenandoah Nurseries

(LAKES)

Shenandoah, Iowa



FALL Wholesale Trade List



OCTOBER 18, 1956



ORDER TODAY
LONG DISTANCE PHONES
406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 85 YEARS

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET 30** days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses (except patented roses), Vines, **PERENNIALS** (including **PEONIES** and **LILIES**). **FOR PATENTED ROSE PRICES SEE HEADING FOR THAT GROUP.**

300 or more take 1000 rates where published.

30 to 300 take 100 rates.

Under 30 take 10 rates.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

FALL AND SPRING BULBS

300 or more bulbs (not less than 50 of any one variety) take 1000 rates.

Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE—The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop conditions and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.



THE SHENANDOAH NURSERIES

D. S. LAKE, President



Please note that calibers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle

APPLE and CRAB

Per 10 Per 100 Per 1000

Standard First Class, 4½ ft. and up, 11/16 to 1 in. -----	\$ 9.00	\$ 85.00	\$800.00
Standard First Class, 4 ft. and up, 9/16 to 11/16 in. -----	8.00	75.00	700.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in. -----	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in. -----	4.50	40.00	350.00

S. Summer	F. Fall	W. Winter
✓ Anoka S Red Striped	✓ Melba S Red	
✓ Baldwin W Red	✓ Minjon W Dark Red	
✓ Beacon S Dark Red	✓ Minn. No. 1472 S Red over Yel.	
✓ Cortland W Red Striped	✓ Monroe W Red	
✓ Delicious Dark Red W Red	✓ Northern Red Spy W Red	
✓ Delicious Yellow W Yellow	✓ N. W. Greening W Green	
✓ Dolgo Crab F Red	✓ Prairie Spy W Red	
✓ Duchess Dark Red S Red	✓ Red June S Red	
✓ Early Harvest S Yellow	✓ Rome Beauty Red W Red	
✓ Fameuse W Red Striped	✓ Staymen Dark Red W Red	
✓ Fireside W Red	✓ Turley W Red	
✓ Grimes Golden W Yellow	✓ Virginia Crab F Red Striped	
✓ Haralson W Red	✓ Wealthy F Red	
✓ Hibernial F Red Striped	✓ Whitney Crab F Red Striped	
✓ Jonathan Dark Red W Red	✓ Winesap Dark Red W Red	
✓ Lodi S Yellow	✓ Yellow Horse W Yellow	
✓ McIntosh Dark Red W Red	✓ Yellow Transparent S Yellow	
✓ McIntosh Early F&W Red		

APPLE — WHIPS

Excellent, strong trees, graded by height as well as caliber.

Per 10 Per 100

4 to 5 ft.-----	\$ 6.50	\$ 60.00
3 to 4 ft.-----	5.50	\$ 50.00
2 to 3 ft.-----	3.50	30.00

Varieties as listed above.

APPLE — SEMI-DWARF

✓ Delcon, truly a semi-dwarf tree of height to 12 ft. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

Per 10 Per 100

11/16 in. and up -----	\$13.50	\$120.00
9/16 to 11/16 in. -----	10.00	90.00

APRICOT

✓ Chinese Early Golden

ONE YEAR and TWO YEAR (On Peach Roots)

Per 10 Per 100

4 ft. and up, 11/16 in and up -----	\$11.00	\$100.00
3 ft. and up, 9/16 to 11/16 in. -----	9.00	85.00
2½ ft. and up, 7/16 to 9/16 in. -----	7.00	65.00
2 ft. and up, 5/16 to 7/16 in. -----	5.00	45.00

CHERRY — SOUR

Two Year on Mahaleb

Per 10 Per 100 Per 1000

5 ft. and up, 1 in. and up -----	\$12.00	\$110.00	\$ -----
4 ft. and up, 11/16 to 1 in. -----	11.00	100.00	900.00
3½ ft. and up, 9/16 to 11/16 in.-----	9.00	85.00	800.00

✓ Early Richmond

✓ English Morello

✓ Montmorency

CHERRY — SOUR

One Year on Mahaleb

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up	\$11.00	\$100.00	\$900.00
3 ft. and up, 9/16 to 11/16 in.	9.00	85.00	800.00
2½ ft. and up, 7/16 to 9/16 in.	7.50	70.00	650.00
2 ft. and up, 5/16 to 7/16 in.	5.50	50.00	450.00

Early Richmond

Montmorency

CHERRY—SOUR

✓ **FRUIT-MOR-ENCY.** A vastly improved strain of Montmorency developed in Fruitland, Idaho. Semi-dwarf habit of growth, large fruit, and abundant production are characteristics which make this strain superior to others.

	Per 10	Per 100
3½ ft. and up, 11/16 in. and up	\$12.00	\$110.00
3 ft. and up, 9/16 to 11/16 in.	10.00	95.00
2½ ft. and up, 7/16 to 9/16 in.	8.50	80.00
2 ft. and up, 5/16 to 7/16 in.	6.50	60.00

CHERRY—IMPROVED BESSEY

Prunus Besseyi Improved. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

	Per 10	Per 100
2 to 3 ft. transplants	\$ 3.50	\$ 30.00
18 to 24 in. transplants	2.90	25.00
12 to 18 in. transplants	2.10	18.00

PEACH

ONE YEAR	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	\$ 8.00	\$ 75.00	\$700.00
4 ft. and up, 9/16 to 11/16 in.	7.00	65.00	600.00
3 ft. and up, 7/16 to 9/16 in.	5.50	50.00	450.00
2 ft. and up, 5/16 to 7/16 in.	3.80	33.00	300.00

✓ Belle of Georgia
✓ Champion
✓ Elberta
✓ Frank
✓ Golden Jubilee

Midseason
Midseason
Midseason
Early

✓ Hale Haven
✓ J. H. Hale
✓ Red Haven
✓ South Haven
✓ Valiant

Early
Midseason
Early
Early
Early

✓ **FERTILE HALE PEACH**

Patent No. 175

An improved Hale type, Fertile Hale is self fertile requiring no cross pollination. Hardier and more vigorous than J. H. Hale or Elberta. Fruit is yellow with deep carmine blush, ripens with last of Elbertas. An outstanding commercial variety. Frequently brings premium market prices. Excellent shipper.

Suggested retail 10¢ higher per tree than unpatented.

	Per 10	Per 100
4½ ft. and up, 11/16 in. and up	\$ 8.50	\$ 80.00
4 ft. and up, 9/16 to 11/16 in.	7.50	70.00
3 ft. and up, 7/16 to 9/16 in.	6.00	55.00

PEAR—STANDARD

TWO YEAR	Per 10	Per 100
4½ ft. and up, 11/16 to 7/8 in.	\$10.00	\$ 90.00
4 ft. and up, 9/16 to 11/16 in.	8.50	80.00
3 ft. and up, 7/16 to 9/16 in.	7.00	65.00
2 ft. and up, 5/16 to 7/16 in.	4.50	40.00

✓ B. Bose
✓ Clapp Favorite
✓ Cope Seedless
✓ Early Douglas

✓ Golden Spice (Minn. No. 4)
✓ Kieffer
✓ Lincoln
✓ Mendel

✓ Orient
✓ Parker
✓ Seckel

PEAR—DWARF

TWO YEAR	Per 10	Per 100
9/16 to 11/16 in.	\$14.00	\$ -----

Bartlett

Seckel

PLUM—One Year
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

			Per 10	Per 100
4	ft. and up,	9/16 to 11/16 in.-----	\$ 8.50	\$ 80.00
3	ft. and up,	7/16 to 9/16 in.-----	7.00	65.00
2	ft. and up,	5/16 to 7/16 in.-----	5.00	45.00

	* Pollenizer		** Hardy Hybrid	
↘ Hanska	Reddish Purple	↘	*Sapa	Purple
↘ Kahinta	Red	↘	*Superior	Red
* ↘ Opata	Red	↘	Waneta	Red
↘ Pipestone	Red			

PLUM
EUROPEAN and JAPANESE
 (On Myroblan)

			Per 10	Per 100	Per 1000
4½	ft. and up,	11/16 in. and up-----	\$10.00	\$ 90.00	\$850.00
4	ft. and up,	9/16 to 11/16 in.-----	8.50	80.00	750.00
↘	Blue Damson	Blue	↘ Lombard	Purplish-red	
↘	Green Gage	Green	↘ Shropshire Damson	Blue	
↘	Italian Prune	Blue	↘ Stanley Prune	Blue	

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS

ASPARAGUS

Mary Washington

	Per 100	Per 1000
2 yr. No. 1-----	\$ 2.80	\$ 25.00
1 yr. No. 1-----	1.80	16.00

BLACKBERRY, Tied 25 per bundle.

↘ Alfred, Early, large fruit, long bearing. No. 1-----	6.50	60.00
↘ Ancient Britton, No. 1-----	6.50	60.00
↘ Ebony King, New. Hardy. Heavy producer. No. 1-----	14.00	110.00
↘ Early Harvest, Very early. No. 1-----	6.50	60.00
↘ Eldorado, Late midseason. Excellent. No. 1-----	6.50	60.00

BOYSENBERRY

↘ Thornless, Tip plants-----	7.50	70.00
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CURRENT, Tied No. 1, 25; No. 2, 50 per bundle.

↘ Cherry, dark red.

2 yr. No. 1-----	18.00	160.00
2-yr. No. 2-----	14.00	120.00

↘ Red Lake, light red berries in long clusters. Thrifty and extremely productive.

2 yr. No. 1-----	21.00	180.00
2 yr. No. 2-----	16.00	140.00

DEWBERRY

↘ Lucretia, R. C. plants No. 1-----	5.00	45.00
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GOOSEBERRY, Tied 25 per bundle.

↘ Houghton, dark red.

2 yr. No. 1-----	29.00	250.00
2 yr. No. 2 or 1 year No. 1-----	22.50	200.00

↘ Pixwell, large red fruit borne on long stems, Vigorous grower. Very hardy.

2 yr. No. 1-----	35.00	-----
2 yr. No. 2 or 1 year No. 1-----	25.00	-----

GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle

↘ Agawam, large red.

2 yr. No. 1-----	18.00	160.00
2 yr. No. 2 or 1 year No. 1-----	14.00	120.00

↘ Beta, black, extremely hardy.

2 yr. No. 1-----	18.00	160.00
2 yr. No. 2 or 1 year No. 1-----	14.00	120.00

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS—Continued

Per 100 Per 1000

GRAPE VINES—Continued

➤ Caco , red, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens September first.		
2 yr. No. 1	\$22.00	\$
2 yr. No. 2 or 1 year No. 1	18.00	
➤ Concord , black. Large bunches of tender, juicy fruit.		
2 yr. No. 1	18.00	150.00
2 yr. No. 2 or 1 year No. 1	14.00	110.00
➤ Delaware , red.		
2 yr. No. 1	22.00	
2 yr. No. 2 or 1 year No. 1	18.00	
➤ Fredonia , black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and very hardy.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 yr. No. 1	14.00	120.00
➤ Golden Muscat , large golden grape of California type. Very sweet. Large bunches Hardy in Middle West.		
2 yr. No. 1	60.00	
➤ Moore Early , black.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 year No. 1	15.00	130.00
➤ Niagara , white. Tangy, flavorful fruit. Large bunches.		
2 yr. No. 1	18.00	160.00
2 yr. No. 2 or 1 yr. No. 1	14.00	120.00
➤ Portland , earliest white grape. Very productive and hardy. Bunches and fruit larger than any other grape.		
2 yr. No. 1	22.00	200.00
2 yr. No. 2 or 1 year No. 1	18.00	160.00
➤ Sheridan , black, ripens one week earlier than Concord, of better flavor and is an excellent keeper.		
2 yr. No. 1	22.00	
2 yr. No. 2 or 1 year No. 1	18.00	

HORSERADISH

Crowns	7.00	65.00
Cuttings	4.00	35.00

RASPBERRY, Tied 25 per bundle

➤ Blackhawk , new, hybrid black, originated by Iowa State College. Large, juicy, and of rich flavor.		
No. 1 tips	17.50	150.00
➤ Bristol , midseason, large, juicy, black.		
No. 1 tips	8.00	70.00
➤ Chief , early red, Latham seedling.		
No. 1 suckers	8.50	80.00
➤ Cumberland , black cap, big and juicy.		
No. 1 tips	7.00	65.00
➤ Indian Summer , large high-quality, everbearing red.		
No. 1 suckers	9.00	85.00
➤ Latham , early, large, productive red.		
No. 1 suckers	8.50	80.00
➤ Morrison , new blackcap. Larger than Cumberland. Vigorous and disease resistant.		
No. 1 tips	8.00	70.00

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS—Continued
RASPBERRY—Continued

	Per 100	Per 1000
✓ Sodus , new, very large purple raspberry. Extremely productive.		
No. 1 tips -----	\$ 8.50	\$ 75.00
✓ Sunrise , early red. Fruit juicy and firm.		
No. 1 suckers -----	8.50	80.00

RHUBARB

	Per 10	Per 100
Chipman Red , sweet and excellent flavor. Stem dark red throughout -----	\$ 4.50	\$ 40.00
Victoria , whole root.	Per 100	Per 1000
1 yr. $\frac{5}{8}$ to 1 in. -----	\$ 6.50	\$ 60.00
1 yr. $\frac{1}{2}$ to $\frac{5}{8}$ in. -----	4.50	40.00



ENLARGED FACILITIES TO ACCOMMODATE "GROWING PROGRAM"

With a daily average of better than 25,000 per day, one million grafts were made during the 55-56 winter. Over one hundred acres of new farm land was planted to apple grafts this spring. Program includes Hybrid Lilac and Wisteria. Extensive scion orchards at Shenandoah now makes it possible to use, almost exclusively, home-grown quality controlled wood. As grafts are made, they move into an especially condition controlled storage to assure perfect union and minimum vitality loss.

ORNAMENTAL and SHADE TREES

Our shade and ornamental trees are first class, well shaped, young, and vigorous. They have been grown from seedlings transplanted in the nursery row especially for this purpose, and from buds or grafts.

All calibers are taken 6 inches above the collar. Size listed following the name is the considered average mature size normally attained.

ACER

Per 10 Per 100 Per 1000

platanoides Norway Maple. 90 feet. Zone 3.

Round headed tree having large, deep green leaves. Outstanding clear yellow fall leaf coloration. Very hardy and transplants easily.

4 to 5 ft. whips	\$ 5.50	\$ 50.00	\$450.00
5 to 6 ft. whips	8.00	75.00	700.00
6 to 7 ft. whips	11.00	100.00	900.00
5 to 6 ft. branched	16.50	150.00	-----
6 to 8 ft. branched	25.00	225.00	-----
8 to 10 ft. branched	32.50	300.00	-----

platanoides Crimson King. Crimson King Maple. Pat. No. 735 Zone 4.

Hardy, improved form of Schwedler Maple. Leaves deep purplish red throughout entire spring and summer.

	10-49 each	50-100 each
5 to 6 ft. whips	\$ 2.10	\$ 1.80
6 to 7 ft. whips	2.60	2.30
7 to 8 ft. whips	3.15	2.85

Per 10 Per 100 Per 1000

platanoides Faassen Black. Faassen Black Maple. Zone 4.

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but not patented.

4 to 5 ft. whips	\$13.50	\$115.00	-----
5 to 6 ft. whips	15.50	140.00	-----
6 to 7 ft. whips	22.00	185.00	-----
5 to 6 ft. branched	32.50	-----	-----
6 to 8 ft. branched	47.50	-----	-----
8 to 10 ft. branched	62.50	-----	-----

platanoides Pyramidal. Pyramidal Norway Maple. Zone 3.

A new, long-lived tree of pyramidal habit. A valuable "streamlined tree for city planting", accent and screen.

	Per 10
5 to 6 ft. whips	\$20.00

Per 10 Per 100 Per 1000

platanoides Schwedler. Schwedler Maple. 40.50 feet. Zone 4.

Perfectly shaped tree of purplish red leaves in spring and early summer. Golden yellow leaf coloration in autumn.

4 to 5 ft. whips	\$11.00	\$100.00	\$850.00
5 to 6 ft. whips	15.00	135.00	1250.00
6 to 7 ft. whips	19.00	175.00	1500.00
5 to 6 ft. branched	22.00	200.00	-----
6 to 8 ft. branched	32.50	300.00	-----
8 to 10 ft. branched	40.00	375.00	-----

platanoides Variegated. Silver Variegated Norway Maple. 50 feet. Zone 4.

Western Variety. Green leaves with large white blotches.

5 to 6 ft. whips	20.00	-----	-----
6 to 7 ft. whips	22.50	-----	-----

ORNAMENTAL and SHADE TREES—Continued**ACER—Continued****rubrum. Red Maple. 120 feet. Zone 3.**

Per 10 Per 100 Per 1000

A fast growing, round headed tree producing conspicuous red flowers in early spring and early, brilliant fall leaf coloration.

5 to 6 ft. branched.....	\$25.00	\$ -----	\$ -----
6 to 8 ft. branched.....	35.00	-----	-----

saccharinum. Silver Maple 120 feet. Zone 3.

Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.

4 to 5 ft.....	6.50	60.00	540.00
5 to 6 ft.....	10.00	90.00	800.00

BETULA**pendula. European White Birch. 50-60 feet. Zone 2.**

Exceedingly graceful tree with slightly pendulous branches. White bark.

4 to 5 ft.....	10.00	90.00	-----
5 to 6 ft.....	14.00	125.00	-----
6 to 8 ft.....	17.50	160.00	-----
8 to 10 ft.....	25.00	-----	-----

pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more main trunks from the ground.

4 to 5 ft.....	19.00	175.00	-----
5 to 6 ft.....	27.50	250.00	-----
6 to 7 ft.....	32.50	300.00	-----

pendula gracilis. Cutleaf European White Birch. 30-40 feet. Zone 2.

Very slender pendulous branches with lacinate leaves very finely cut.

	Per 10	Per 100
4 to 5 ft.....	\$15.50	\$140.00
5 to 6 ft.....	19.00	175.00
6 to 8 ft.....	27.00	250.00
8 to 10 ft.....	32.50	300.00

CELTIS

Per 10 Per 100 Per 1000

occidentalis. Common Hackberry. 50-70 feet. Zone 2.

Well formed shade tree of good foliage and dense habit.

4 to 5 ft.....	\$ 8.00	\$ -----	\$ -----
5 to 6 ft.....	12.00	-----	-----
6 to 8 ft.....	22.00	-----	-----

CERCIS**canadensis. Eastern Redbud. 25-35 feet. Zone 4.**

Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall. Grown shrub form.

2 to 3 ft.....	6.50	60.00	550.00
3 to 4 ft.....	10.00	90.00	800.00
4 to 5 ft.....	14.00	125.00	1100.00
5 to 6 ft.....	16.50	150.00	-----

CORNUS**florida. Flowering Dogwood. 30-40 feet. Zone 4.**

One of the best and most interesting ornamentals. Seasonally is of special interest because of flower, foliage, brilliant fall color, and branching.

18 to 24 in.....	8.50	80.00	-----
2 to 3 ft.....	13.50	125.00	-----

ORNAMENTAL and SHADE TREES—Continued

CRATAEGUS Per 10 Per 100 Per 1000

oxyacantha pauli. Pauls Scarlet Hawthorn. 12-15 feet. Zone 4.

Flowers are double bright scarlet. One of the most showy of all the Hawthorn.

5 to 6 ft. branched	\$22.50	\$200.00	\$ ----
6 to 7 ft. branched	28.00	250.00	----

FRAXINUS

pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 2.

Shapely, round-headed tree with slendor spreading branches. Very hardy.

5 to 6 ft.	11.00	100.00	----
6 to 8 ft.	16.50	150.00	----

GLEDITSIA

triacanthos inermis Moraine. Moraine Honeylocust.

This variety of Honeylocust tree is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner A new vase form, thornless, seedless and a hardy tree. Resistant to disease and insect damage.

	10-49	50-449	
	each	each	
5 to 6 ft. branched, 1 yr. top	\$ 2.75	\$ 2.50	
6 to 8 ft. branched, 2 yr. top		5.50	---
8 to 10 ft. branched, 2 yr. top		7.75	---

triacanthos inermis Sunburst. Sunburst Honeylocust.

Plant Patent No. 1313. The first new color in a hardy, ornamental shade tree in decades. Bright golden foliage on 8-10 inches of branch tips contrasts with the rich green of the balance of the tree. Broadly pyramidal head and excellent branching habit. Produces only male flowers and is absolutely seedless. Hardy and transplants easily.

	10-29	
	each	
5 to 6 ft. 1 yr. whips	\$ 2.30	
4 to 5 ft. 1 yr. branched		2.60
7 to 8 ft. 1 yr. branched		4.10

KOELREUTERIA

paniculata. Goldenraintree. 30 feet. Zone 5. Per 10 Per 100 Per 1000

Produces small, yellow flowers in large, upright, pyramidal clusters in early summer.

2 to 3 ft.	\$ 9.00	\$ 85.00	\$ ----
3 to 4 ft.	13.50	120.00	----
4 to 5 ft.	16.50	----	----

LABURNUM

watereri (vossi) Waterer Laburnum. 25-30 feet. Zone 5.

Dense habit. Flowers are large and deep yellow, pea like in pendulous clusters appearing in late May.

3 to 4 ft. whips	10.00	90.00	----
4 to 5 ft. whips	13.00	120.00	----

ORNAMENTAL and SHADE TREES—Continued

MAGNOLIA

Per 10 Per 100 Per 1000

soulangeana. Saucer Magnolia. 20-25 feet. Zone 5.

Large white to purple flowers, 5-10 inches in diameter, cup-shaped, appear before the leaves.

4 to 5 ft. B&B.....	\$60.00	\$575.00	\$ ----
5 to 6 ft. B&B.....	80.00	750.00	-----

MALUS✓ **Almey**

A "Rosybloom" crabapple. Large blooms of glistening red petals with white markings at base. Scarlet fruits are retained until spring.

3 to 4 ft.....	15.50	140.00	----
4 to 5 ft.....	17.50	160.00	----

✓ **Hopa. May. 30 feet. Zone 4**

Combines profuse flowers and colorful fruit in an outstanding dual purpose tree. Flowers are of China rose, fragrant and 1½ inches in diameter. Hardy and free from disease.

	Per 10	Per 100	Per 1000
4 to 5 ft.....	\$10.00	\$ 90.00	\$ ----
5 to 6 ft.....	13.50	120.00	110.00

✓ **pumila niedzwetzkyana. Red-Vein Crabapple. 20-25 feet. Per 10 Per 100 Per 1000**

Has remarkably large red flowers in April followed by large purplish red fruit and leaves.

2 to 3 ft.....	\$ 5.50	\$ ----	\$ ----
3 to 4 ft.....	9.00	-----	-----
4 to 5 ft.....	13.50	-----	-----

✓ **Red Silver. May. 30 feet. Zone 4.**

Crimson flowers. Cut-leaved maroon red and silver foliage. Bright red fruit.

2 to 3 ft.....	5.50	-----	-----
3 to 4 ft.....	9.00	85.00	-----

sargentii. Sargent Crabapple. May. 8 feet. Zone 5.

Valuable because sargentii is the smallest of the crabapples. Covered with single white flowers in early May. Small red fruits. retained well.

2 to 3 ft.....	5.50	50.00	----
3 to 4 ft.....	9.00	85.00	----

zumi calocarpa. Redbud Crabapple.

Red buds turning to pure white flowers. One of the best for ornamental fruits which are a bright red to orange.

3 to 4 ft.....	9.00	-----	-----
4 to 5 ft.....	13.50	-----	-----
5 to 6 ft.....	16.50	-----	-----

PLATANUS**occidentalis. American Planetree. 120-150 feet. Zone 5.**

Large, round headed tree making an excellent street tree where space permits. Foliage is a maple-like leaf of 5-10 inches wide. Bark peels in flakes.

4 to 5 ft.....	8.50	80.00	----
5 to 6 ft.....	11.00	100.00	----

ORNAMENTAL and SHADE TREES—Continued

POPULUS

nigra italica. Lombardy Poplar. 90 feet. Zone 2.

Rapid spire-like growth. Fine for screens and formal plantings.

	Per 10	Per 100	Per 1000
4 to 5 ft. low branched.....	\$ 2.60	\$ 22.50	\$200.00
5 to 6 ft. low branched.....	3.60	32.00	300.00
6 to 8 ft. low branched.....	5.50	50.00	450.00
8 to 10 ft. low branched.....	6.50	60.00	550.00

simoni. Chinese Poplar. 50 feet. Zone 2.

Per 10 Per 100 Per 1000

A hardy pyramidal tree. Habits similar to Lombardy. Small light green leaves. Vigorous grower.

4 to 5 ft.....	\$ 5.00	\$ 45.00	\$ ----
5 to 6 ft.....	7.00	65.00	----
6 to 8 ft.....	10.00	90.00	----
8 to 10 ft.....	15.50	----	----

PRUNUS

americana Newport. Purple-leaved Plum 15 feet. Zone 3.

A large, hardy shrub or small tree with upright growth and distinctive purplish red foliage. On native plum. Grown tree form.

3 to 4 ft.....	14.00	125.00	----
4 to 5 ft.....	16.50	150.00	----

persica. Flowering Peach (tree form on peach). 15-18 feet. Zone 5.**Cardinal, Double red****Iceberg, Early snow white****Peppermint Stick, Double white
mottled pink****Pink Charming, Double pink**

3 to 4 ft.....	6.50	60.00	----
4 to 5 ft.....	9.00	85.00	----
5 to 6 ft.....	12.00	100.00	----

persica. Purpleleaf Peach. 20 feet. Zone 5.

A vigorous growing purple leaved sort of merit because of its foliage color.

3 to 4 ft.....	5.50	50.00	----
4 to 5 ft.....	8.00	75.00	----
5 to 6 ft.....	10.00	90.00	----

triloba—See "Oranamental Shrubs"

QUERCUS

palustris. Pin Oak. 75 feet. Zone 4.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Orange-scarlet autumn coloration. A most desireable shade tree but requires ample space.

	Per 10	Per 100	Per 1000
4 to 5 ft.....	\$16.50	\$150.00	\$ ----
5 to 6 ft.....	24.00	200.00	----

ORNAMENTAL and SHADE TREES—Continued

SALIX**alba tristis. Niobe Willow. 50 feet. Zone 2.**

Per 10 Per 100 Per 1000

Extremely hardy "Golden Weeping Willow" of exceptional grace and beauty.

3 to 4 ft.-----	\$ 3.50	\$ 30.00	\$ -----
4 to 5 ft.-----	5.50	50.00	-----
5 to 6 ft.-----	10.00	90.00	-----

alba vitellina. Russian Golden Willow. 30 feet. Zone 2.

One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.

3 to 4 ft.-----	2.50	20.00	-----
4 to 5 ft.-----	3.50	30.00	-----

babylonica. Babylon Weeping Willow. 30 feet. Zone 5 - 6.

One of the best of the weeping willows where ever hardy. Bright green foliage.

3 to 4 ft.-----	3.50	30.00	-----
4 to 5 ft.-----	5.50	50.00	-----
5 to 6 ft.-----	10.00	90.00	850.00
6 to 8 ft.-----	14.00	125.00	1100.00
8 to 10 ft.-----	19.00	175.00	-----

blanda Wisconsin Weeping Willow. 40 feet. Zone 4.

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

	Per 10	Per 100	Per 1000
3 to 4 ft.-----	\$ 4.50	\$ 40.00	\$ -----
4 to 5 ft.-----	5.50	50.00	-----
5 to 6 ft.-----	10.00	90.00	850.00
6 to 8 ft.-----	14.00	125.00	1100.00

discolor. Pussy Willow. 20 feet. Zone 2.

Per 10 Per 100 Per 1000

Very popular for its gray catkins in early spring before leaves appear. Leaves are small and narrow.

18 to 24 in.-----	\$ 2.90	\$ 25.00	\$ -----
2 to 3 ft.-----	4.00	35.00	-----
3 to 4 ft.-----	5.50	-----	-----

discolor French. French Pussy Willow. 20 feet. Zone 2.

A fine cultivated French variety having especially long catkins.

18 to 24 in.-----	2.60	25.00	-----
2 to 3 ft.-----	4.00	35.00	-----
3 to 4 ft.-----	5.50	50.00	-----

pentandra. Laurel Leaf Willow. 60 feet. Zone 4.

Round headed tree producing lustrous dark green leaves, brownish shiny twigs. One of the best for ornamental planting.

2 to 3 ft.-----	2.10	18.00	-----
3 to 4 ft.-----	2.90	25.00	-----

SORBUS**aucuparia. European Mountainash. 45 feet. Zone 2.**

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

6 to 8 ft.-----	25.00	-----	-----
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TILIA**americana. American Linden. 120 feet. Zone 2.**

Rapid growing tree with large, glossy leaves. Produces fragrant yellow flowers in June.

4 to 5 ft.-----	9.00	85.00	-----
5 to 6 ft.-----	13.50	125.00	-----

ORNAMENTAL and SHADE TREES—Continued**ULMUS**

Per 10 Per 100 Per 1000

americana. American Elm. 100-120 feet. Zone 2.

A stately tree of unique vase-shaped form with widely arching branches.

4 to 5 ft.-----	\$ 5.50	\$ 50.00	\$ -----
5 to 6 ft.-----	8.00	75.00	700.00
6 to 8 ft.-----	12.00	110.00	1000.00
8 to 10 ft.-----	18.00	165.00	-----

americana Moline. Moline Elm. 80-100 feet. Zone 2.

Narrow pyramidal, rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

Per 10 Per 100 Per 1000

4 to 5 ft.-----	\$ 8.00	\$ 75.00	\$ -----
5 to 6 ft.-----	11.00	100.00	-----
6 to 8 ft.-----	15.50	140.00	-----
8 to 10 ft.-----	22.00	200.00	-----

Hybrid. Hybrid Elm. 60 feet. Zone 4.

Per 10 Per 100 Per 1000

Hybrid of americana and pumila budded on pumila. Large dark green leaves.

4 to 5 ft.-----	\$14.00	\$125.00	\$ -----
5 to 6 ft.-----	16.50	150.00	1350.00
6 to 8 ft.-----	27.50	250.00	2100.00
8 to 10 ft.-----	37.50	350.00	-----

pumila. Siberian Elm. 75 feet. Zone 4.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

4 to 5 ft.-----	4.00	35.00	300.00
5 to 6 ft.-----	7.00	65.00	600.00
6 to 8 ft.-----	11.00	100.00	900.00
8 to 10 ft.-----	15.00	135.00	1250.00

**OUR STORAGE IS EQUIPPED WITH
ELECTRONICALLY CONTROLLED
EXHAUST FANS TO INSURE
STORAGE OF STOCK IN
EXCELLENT SHAPE.**

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

BERBERIS

Per 10 Per 100 Per 1000

thunbergi. Japanese Barberry. May. 6 feet. Zone 5.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

12 to 15 in.-----	\$ 2.90	\$ 25.00	\$220.00
15 to 18 in.-----	3.20	28.00	250.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 2½ ft.-----	5.50	50.00	450.00
2½ to 3 ft.-----	7.50	70.00	650.00

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 5.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

	Per 10	Per 100	Per 1000
12 to 15 in.-----	\$ 4.00	\$ 35.00	\$ -----
15 to 18 in.-----	5.00	45.00	400.00
18 to 24 in.-----	6.00	55.00	500.00
2 to 2½ ft.-----	7.00	-----	-----

Per 10 Per 100 Per 1000

thunbergi erecta. Truehedge Columnberry. May. 6 feet. Zone 5.

Recommended for formal hedges, individual specimen shrubs window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

12 to 15 in.-----	\$ 3.00	\$ 25.00	\$ -----
15 to 18 in.-----	3.50	33.00	-----

BUDDLEIA

Butterflybush. July-September. 4-5 feet. Zone 5.

Cut tops back severely when planting for best results.

Medium -----	\$ 3.10	\$ 28.00	\$250.00
No. 1 -----	3.80	33.00	300.00

Varieties available at above prices.

Charming, 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks.

Dubonnet, 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flowers.

Hartweg, 4-5 feet.

Flowers bright lavender. Foliage dark green. Compact habit.

White, 4-6 feet.

A good white with long spikes of excellent blooms.

ORNAMENTAL SHRUBS—Continued

CALLICARPA

Per 10 Per 100 Per 1000

dichotoma. Purple Beautyberry. July. 4 feet. Zone 5.

Large showy clusters of metallic-purple berries follow pink flowers.

12 to 18 in.-----	\$ 3.50	\$ 30.00	-----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	-----

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2.

Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.

12 to 18 in.-----	2.50	22.00	180.00
18 to 24 in.-----	3.50	30.00	250.00
2 to 3 ft.-----	4.50	40.00	350.00
3 to 4 ft.-----	5.50	50.00	-----

CARYOPTERIS

clandonensis. Blue Mist. August-frost. 18-24 inches. Zone 5.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

Per 10 Per 100 Per 1000

Medium -----	\$ 2.90	\$ 25.00	\$220.00
No. 1 -----	4.00	35.00	300.00

CHAENOMELES

Per 10 Per 100 Per 1000

japonica. Japanese Flowering Quince. April-May. 5-6 feet. Zone 4.

Cutting grown plants producing clusters of orange-scarlet flowers. Spicily fragrant rounded fruits. Dark shiny foliage. Bushy, dense growth.

9 to 12 in.-----	\$ 2.90	\$ 25.00	\$ -----
12 to 18 in.-----	3.50	30.00	250.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00

japonica rubra. Red Flowering Japanese Quince. April-May. 5-6 feet. Zone 4.

An improved, non-fruiting strain which produces true bright red flowers.

9 to 12 in.-----	2.90	25.00	-----
12 to 18 in.-----	3.50	30.00	250.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00

lagenaria Nivalis. April-May. 5-6 feet. Zone 4.

The best pure white common flowering Quince. The clusters of sparkling white flowers contrast nicely with the dark green foliage.

12 to 18 in.-----	5.50	50.00	-----
18 to 24 in.-----	7.50	70.00	-----

CORNUS

alba sibirica. Siberian Dogwood. April-May. 8-10 feet. Zone 2.

Stout, erect, bright red branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

12 to 18 in.-----	3.50	30.00	-----
18 to 24 in.-----	5.00	45.00	-----

stolonifera flaviramea. Yellowtwig Dogwood. May. 6-8 feet. Zone 2.

A striking yellow-branched form of stolonifera, highly decorative.

12 to 18 in.-----	3.50	30.00	-----
18 to 24 in.-----	5.00	45.00	-----
2 to 3 ft.-----	6.00	55.00	-----

ORNAMENTAL SHRUBS—Continued

COTONEASTER

Per 10 Per 100 Per 1000

acutifolia. Peking Cotoneaster. May-June. 10-12 feet. Zone 4.

A valuable massing and hedging shrub. Dark green leaves. Black fruit.

12 to 18 in.	\$ 3.00	\$ 25.00	\$ -----
18 to 24 in.	4.00	35.00	-----
2 to 3 ft.	5.50	50.00	-----

DEUTZIA

lemoinei. Lemoine Deutzia. May. 3-4 feet. Zone 4.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

	Per 10	Per 100	Per 1000
15 to 18 in.	\$ 4.40	\$ 38.50	\$350.00
18 to 24 in.	5.50	50.00	450.00
2 to 2½ ft.	6.50	60.00	550.00

scabra Pride of Rochester. 6-8 feet. May-June. Zone 5. Per 10 Per 100 Per 1000

Double white flowers remain effectively in bloom for a good period. Pride of Rochester is earlier to bloom than other varieties.

12 to 18 in.	\$ 2.50	\$ 22.00	\$ -----
18 to 24 in.	4.50	40.00	350.00
2 to 3 ft.	5.50	-----	-----

EUONYMUS

alatus compactus. Dwarf Winged Euonymus. May. 4-5 feet. Zone 3.

An excellent dwarf, compact variety. Ideal hedging material requiring very little trimming. Brilliant autumn color.

	Per 10	Per 100	Per 1000
12 to 15 in.	\$ 7.00	\$ 65.00	\$ -----
15 to 18 in.	8.50	80.00	-----
18 to 24 in.	12.00	\$110.00	-----

atropurpureus. Eastern Wahoo. May. 12-15 feet. Zone 3. Per 10 Per 100 Per 1000

Hardy, vigorous shrub. Prolific production of berries. Attractive fall foliage coloration.

12 to 18 in.	\$ 3.20	\$ 28.00	\$ -----
18 to 24 in.	4.50	40.00	-----
2 to 3 ft.	5.50	50.00	-----

fortunei radicans erecta. Upright Common Wintercreeper. 3 feet. Zone 5.

More upright form of Radicans. Shiny dark green evergreen foliage.

9 to 12 in.	4.00	35.00	-----
12 to 15 in.	5.50	50.00	450.00
15 to 18 in.	7.00	65.00	600.00
18 to 24 in.	8.50	80.00	750.00
2 to 2½ ft.	10.00	95.00	900.00

kiautschovica. Spreading Euonymus. 9 feet. Zone 6.

Somewhat similar to but harder than the evergreen Euonymus japonica. Leaves are lighter green and not thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November. Commonly called "patens".

12 to 15 in.	5.50	50.00	-----
15 to 18 in.	7.00	65.00	-----
18 to 24 in.	8.50	80.00	-----
2 to 2½ ft.	11.00	-----	-----

ORNAMENTAL SHRUBS—Continued

FORSYTHIA

Per 10 Per 100 Per 1000

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen..

12 to 18 in.-----	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.-----	5.00	45.00	400.00
2 to 3 ft.-----	6.00	55.00	500.00
3 to 4 ft.-----	7.50	70.00	650.00

Spring Glory. April-May. 7-8 feet. Zone 4.

A new Forsythia which is without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.-----	5.00	45.00	400.00
2 to 3 ft.-----	6.00	55.00	500.00
3 to 4 ft.-----	7.50	70.00	650.00

Per 10 Per 100 Per 1000

suspensa fortunei. Fortune Weeping Forsythia. April 8-9 feet. Zone 5.

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

12 to 18 in.-----	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.-----	5.00	45.00	400.00
2 to 3 ft.-----	6.00	55.00	500.00

HIBISCUS**syriacus. Shrubalthea. August-September. 10-12 feet. Zone 5.**

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.-----	3.00	25.00	200.00
18 to 24 in.-----	4.00	35.00	300.00
2 to 3 ft.-----	5.00	45.00	400.00
3 to 4 ft.-----	6.50	60.00	-----

Following varieties at above prices, except * see below.

Anemone, double bright pink.

Lucy, double, red

Ardens, double purple

Purpurea Semi-Plena, semi-double,
clear purple

Boule de Feu, double purplish-red

Snowdrift, single, white

***Coelestis**, single, violet blue

Jeanne de Arc, double, pure white

*Available 10¢ higher per quantity rate listed above.

HYDRANGEA**arborescens grandiflora. Snowhill Hydrangea. June-July. 3-5 feet. Zone 4.**

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

12 to 18 in.-----	3.50	30.00	250.00
18 to 24 in.-----	5.50	50.00	450.00
2 to 3 ft.-----	6.50	60.00	550.00

macrophylla Nikko Blue. Nikko Blue Hydrangea. June-July. 9-10 feet. Zone 5.

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid, use two tablespoons of aluminum sulphate to a gallon of water.

	Per 10	Per 100	Per 1000
2 year heavy field grown plants -----	\$ 8.50	\$ 80.00	\$750.00

ORNAMENTAL SHRUBS—Continued

HYDRANGEA—Continued

paniculata grandiflora. Peegee Hydrangea. August. 6-8 feet. Zone 4.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.-----	5.50	50.00	450.00
2 to 3 ft.-----	6.50	60.00	550.00
3 to 4 ft.-----	7.50	70.00	650.00

KOLKWITZIA

Per 10 Per 100 Per 1000

amabilis. Beautybush. May-June. 6-8 feet. Zone 4.

A tall, upright growing plant with arching branches providing ornamental interest the year around. Produces pink flowers, similar to Weigela, in profusion.

18 to 24 in.-----	\$ 5.50	\$ 50.00	\$450.00
2 to 3 ft.-----	6.50	60.00	550.00

LAGERSTROEMIA**indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.**

Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties.

12 to 18 in.-----	2.90	25.00	220.00
18 to 24 in.-----	4.00	35.00	300.00
2 to 3 ft.-----	5.00	45.00	400.00

PINK

PURPLE

WATERMELON RED

WHITE

LONICERA**Clavey Compact Dwarf Honeysuckle. May. 5 feet. Zone 4.**

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

9 to 12 in.-----	3.00	25.00	200.00
12 to 15 in.-----	4.50	40.00	350.00
15 to 18 in.-----	5.50	50.00	450.00
18 to 24 in.-----	6.50	60.00	550.00
2 to 2½ ft.-----	7.50	70.00	650.00

fragrantissima. Winter Honeysuckle. April. 6 feet. Zone 5.

Fragrant white flowers are produced on previous year's growth followed by white fruits. Foliage is stiff, leathery and half-evergreen.

12 to 18 in.-----	3.50	30.00	-----
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00
3 to 4 ft.-----	6.50	-----	-----

tatarica alba. White Tatarian Honeysuckle. May 8-10 feet. Zone 4.

Flowers of pure white are followed by red berries. Upright, neat habit.

12 to 18 in.-----	3.50	30.00	250.00
18 to 24 in.-----	4.50	40.00	350.00

tatarica grandiflora. Bride Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

A pink flowering, upright growing Honeysuckle. Planted for profusely produced flowers and attractive red fruit.

18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	-----

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

Excellent blooms of rosy pink out side and light pink inside. An abundance of red berries.

12 to 18 in.-----	3.20	28.00	-----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	450.00
3 to 4 ft.-----	6.50	60.00	-----

ORNAMENTAL SHRUBS—Continued

LONICERA—Continued

Per 10 Per 100 Per 1000

tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

A profuse display of deep pink flowers followed by red berries. Hardy, neat and vigorous. Excellent as specimen as well as in screen and border.

12 to 18 in.....	\$ 3.20	\$ 28.00	\$ -----
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00
3 to 4 ft.....	6.50	60.00	-----

tatarica Zabel. Zabel Tatarian Honeysuckle. April-May. 10-12 feet. Zone 4.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.

	Per 10	Per 100	Per 1000
12 to 18 in.....	\$ 3.50	\$ 30.00	\$ -----
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00

PHILADELPHUS

Per 10 Per 100 Per 1000

coronarius. Sweet Mockorange. May-June. 8-10 feet. Zone 4.

Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.

12 to 18 in.....	\$ 2.90	\$ 25.00	\$220.00
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00
3 to 4 ft.....	7.00	65.00	-----

coronarius aureus. Golden Mockorange. 4-5 feet. Zone 4.

Dwarf growing form with golden yellow foliage. Outstanding accent.

12 to 15 in.....	6.50	60.00	-----
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grandiflorus. Big Scentless Mockorange. June. 8-10 feet. Zone 4.

Produces white flowers to 1¾ inches in diameter that have no scent, clustered. Habit of branching somewhat straggling.

12 to 18 in.....	3.00	25.00	-----
18 to 24 in.....	4.50	40.00	350.00
2 to 3 ft.....	5.50	50.00	450.00

lemoinei Belle Etoile. mid-June. 5-6 feet. Zone 5.

Single, fragrant, pure white flowers having a slight purple tinge deep in throat when first open and of 2-2½ inches in diameter. Not considered hardy north of southern Iowa.

12 to 18 in.....	4.50	40.00	350.00
18 to 24 in.....	5.50	50.00	450.00
2 to 3 ft.....	7.00	-----	-----

lemoinei Innocence. mid-June. 6-8 feet. Zone 5.

One of the most fragrant varieties. The long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.

12 to 18 in.....	3.50	30.00	-----
2 to 3 ft.....	5.50	50.00	-----
3 to 4 ft.....	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

virginalis. Virginalis Mockorange. mid-June. 6-8 feet. Zone 5.

Widely grown and distributed, single to double flowering, fragrant Mockorange. Flowers are large, 1-2 inches in diameter and appearing intermittently through the summer.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.-----	5.00	45.00	400.00
2 to 3 ft.-----	6.00	55.00	500.00

PHYSOCARPUS

Per 10 Per 100 Per 1000

opulifolius aureus. Goldleaf Ninebark. May-June. 8-10 feet. Zone 2.

Wide spreading habit but maintains a formal outline. Foliage bright yellow to yellowish changing to golden brown in late summer. White flowers followed by reddish to brown capsules.

12 to 18 in.-----	\$ 3.20	\$ 28.00	\$ -----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	-----	-----

opulifolius nanus. Dwarf Ninebark. May-June. 4-5 feet. Zone 2.

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Flowers and capsules similar to species.

12 to 18 in.-----	3.20	28.00	-----
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00

PRUNUS**glandulosa rosea. Pink Almond Cherry. May. 5-6 feet. Zone 4.**

A beautiful shrub for foundation or border. Before leaves appear, it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 3.50	\$ 30.00	\$280.00
18 to 24 in.-----	5.00	45.00	400.00
2 to 3 ft.-----	6.00	55.00	500.00
3 to 4 ft.-----	7.50	70.00	-----

triloba. Flowering Plum. April-May. 8-10 feet. Zone 4. Per 10 Per 100 Per 1000

Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.

2 to 3 ft.-----	\$ 8.00	\$ 75.00	\$ -----
3 to 4 ft.-----	11.00	100.00	-----

RHODOTYPOS**scandens. Black Jetbead. May. 6 feet. Zone 5.**

Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.

12 to 18 in.-----	4.50	40.00	350.00
18 to 24 in.-----	6.00	55.00	500.00

ORNAMENTAL SHRUBS—Continued

RHUS

Per 10 Per 100 Per 1000

aromatica. Fragrant Sumac. April-May. 3-4 feet. Zone 3.

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall coloration. Very hardy and a rapid grower.

12 to 18 in.-----	\$ 3.20	\$ 28.00	\$ -----
18 to 24 in.-----	5.50	50.00	450.00
2 to 3 ft.-----	6.50	60.00	550.00
3 to 4 ft.-----	8.00	75.00	-----

glabra. Smooth Sumac. July. 15-25 feet. Zone 2.

Small greenish flowers are followed by bunches of crimson berries in fall and winter. Bright red autumn foliage coloration.

12 to 18 in.-----	2.10	18.00	150.00
18 to 24 in.-----	3.50	30.00	250.00

typhina. Staghorn Sumac. June. 20-30 feet. Zone 3.

Named because of its very fuzzy twigs, this sumac does well in very dry soils. Brilliant foliage in fall and bright fruit pyramids make this plant stand out among any others all during fall and winter.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 2.50	\$ 20.00	\$180.00
18 to 24 in.-----	3.50	30.00	250.00
2 to 3 ft.-----	4.50	40.00	350.00
3 to 4 ft.-----	5.50	50.00	-----

typhina laciniata. Cutleaf Staghorn Sumac. 20-30 feet. Zone 3.

Per 10 Per 100 Per 1000

Very similar to the species; however, has finely and deeply divided leaflets.

12 to 18 in.-----	\$ 2.40	\$ 20.00	\$180.00
18 to 24 in.-----	3.50	30.00	250.00
2 to 3 ft.-----	4.50	40.00	-----

RIBES

alpinum. Alpine Currant. May. 6-7 feet. Zone 2.

An attractively foliaged hardy shrub that makes a dense, compact, upright specimen and more particularly adapts itself to hedging purposes

12 to 15 in.-----	4.50	40.00	-----
15 to 18 in.-----	6.50	50.00	-----
18 to 24 in.-----	8.00	-----	-----
2 to 2½ ft.-----	9.50	-----	-----

SALIX

pupurea nana. Dwarf Purpleosier Willow. March. 9 feet. Zone 4.

One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.

12 to 15 in.-----	2.25	19.00	160.00
15 to 18 in.-----	3.00	25.00	220.00
18 to 24 in.-----	3.50	30.00	280.00

ORNAMENTAL SHRUBS—Continued

SPIRAEA

arguta, Garland Spirea, April-May, 5-6 feet, Zone 4.

The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 2.90	\$ 25.00	\$220.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00

japonica coccinea, July, 4 feet, Zone 4.

Per 10 Per 100 Per 1000

Similar in growth and habit to Anthony Waterer but of a much clearer and richer coloring. Foliage shows little fading to magenta color.

12 to 15 in.-----	\$ 4.50	\$ 40.00	\$350.00
15 to 18 in.-----	5.50	50.00	-----

billardi, Billard Spirea, June-July, 5-6 feet, Zone 4.

Produces pyramidal spikes of bright rose flowers. Forms a dense mass of growth.

12 to 18 in.-----	2.90	25.00	220.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00

billardi White, White Billard Spirea, June-July, 5-6 feet, Zone 4.

Habit and form similar to the pink flowering Billard.

12 to 18 in.-----	2.90	25.00	-----
18 to 24 in.-----	4.50	40.00	-----

bumalda Anthony Waterer, June-July, 2 feet, Zone 4.

Very popular because flat clusters of flowers to 6 inches are produced over a period of several weeks and are of a bright crimson color. Foliage is tinged pink when it first appears.

9 to 12 in.-----	3.20	28.00	250.00
12 to 15 in.-----	4.20	36.00	320.00
15 to 18 in.-----	5.00	45.00	400.00

bumalda Froebel, Froebel Spirea, June, 2-3 feet, Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

	Per 10	Per 100	Per 1000
12 to 15 in.-----	\$ 3.50	\$ 30.00	\$250.00
15 to 18 in.-----	4.00	35.00	300.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 2½ ft.-----	5.50	50.00	450.00

cantonensis, Reeve's Spirea, May-June, 3 feet, Zone 6. Per 10 Per 100 Per 1000

Low shrub, wide spreading branch habit, producing light green leaves on reddish brown branchlets. Flowers of white in clusters to 2 inches in diameter.

12 to 18 in.-----	\$ 2.90	\$ 25.00	\$320.00
18 to 24 in.-----	4.50	40.00	350.00

thunbergi, Thunberg Spirea, April-May, 4-5 feet, Zone 4.

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

12 to 18 in.-----	2.90	25.00	220.00
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Per 10 Per 100 Per 1000

vanhouttei. Vanhoutte Spirea. May-June. 6 feet. Zone 4.

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

12 to 18 in.-----	\$ 2.50	\$ 22.00	\$200.00
18 to 24 in.-----	3.50	32.00	280.00
2 to 3 ft.-----	4.50	40.00	350.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 3.

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

12 to 18 in.-----	3.00	25.00	200.00
18 to 24 in.-----	3.50	30.00	250.00

chenaulti. Chenault Coralberry. July. 6 Feet. Zone 5.

Small pink flowers in spikes. Small red berries in the fall. A very refined shrub that will withstand heat, drought and dust. Excellent for use in any shrub border.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 2.10	\$ 18.00	\$160.00
18 to 24 in.-----	2.90	25.00	220.00
2 to 3 ft.-----	3.50	30.00	250.00
3 to 4 ft.-----	4.50	40.00	350.00

Per 10 Per 100 Per 1000

orbiculatus. Indiancurrant Coralberry. July. 5-6 feet. Zone 3.

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

12 to 18 in.-----	\$ 3.00	\$ 25.00	\$200.00
18 to 24 in.-----	3.50	30.00	250.00
2 to 3 ft.-----	4.00	35.00	300.00

SYRINGA

chinensis. Chinese Lilac. May. 15 feet. Zone 5

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.

	Per 10	Per 100	Per 1000
2 to 3 ft.-----	\$ 6.00	\$ 55.00	\$500.00
3 to 4 ft.-----	7.00	65.00	-----

villosa. Late Lilac. June 9 feet. Zone 2.

Per 10 Per 100 Per 1000

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all the lilacs.

12 to 18 in.-----	\$ 3.50	\$ 30.00	\$ ----
18 to 24 in.-----	4.50	40.00	-----

vulgaris purpurea. Common Purple Lilac. June. 20 feet. Zone 3.

A hardy, attractive shrub with large clusters of purplish flowers.

12 to 18 in.-----	3.50	30.00	250.00
18 to 24 in.-----	4.50	40.00	350.00

ORNAMENTAL SHRUBS—Continued

TAMARIX

Per 10 Per 100 Per 1000

africana. African Tamarisk. May-June. 10-12 feet. Zone 7

Produces a mass of pink flowers in early spring followed by feathery green foliage

12 to 18 in.-----	\$ 2.90	\$ 25.00	\$ -----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	-----

hispidia. Kashgar Tamarisk. June-July. 15-20 feet. Zone 6.

A shrub with fine feathery blue-green foliage and bright pink flowers that appear intermittently through the summer. Blooms on new wood so that severe pruning may be practiced in early spring. Foliage sprigs make a fine bouquet filler.

12 to 18 in.-----	2.90	25.00	-----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	-----

hispidia. Summer Glow. July. 8 feet. Zone 6.

The finest variety we have ever seen. Lacy, silvery-blue foliage. Tyrian rose flowers in spikes all summer. Good in dry soil, sun or part shade.

	Per 10	Per 100	Per 1000
12 to 18 in.-----	\$ 3.50	\$ 30.00	\$250.00
18 to 24 in.-----	4.50	40.00	350.00

Per 10 Per 100 Per 1000

odessa. Odessa Tamarisk. July. 6-8 feet. Zone 4.

Upright slender branches. Light silvery foliage. Light pink flowers in slender racemes.

12 to 18 in.-----	\$ 2.90	\$ 25.00	\$ -----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	-----

tetrandra. Fourstamen Tamarisk. May-June. 10-12 feet. Zone 4.

Slender branches of reddish-bronze bark. Pink flowers. Very hardy.

12 to 18 in.-----	2.90	25.00	-----
18 to 24 in.-----	4.50	40.00	-----
2 to 3 ft.-----	5.50	50.00	-----

VIBURNUM

burkwoodi. Burkwood Viburnum. May. 5-6 feet. Zone 5.

Waxy bluish-white flowers. The gardenia like fragrance is so sweet it pervades a large area. Red to black berries in the fall. Reddish autumn color.

12 to 15 in. Root wrapped in moss and burlap-----	15.00	135.00	-----
15 to 18 in. Root wrapped in moss and burlap-----	19.50	175.00	-----
18 to 24 in. Root wrapped in moss and burlap-----	27.50	250.00	-----

chenaulti. Chenault Viburnum. May. 5-6 feet. Zone 5.

A new semi-evergreen hybrid similar to V. burkwoodi however more compact.

12 to 15 in. Root wrapped in moss and burlap-----	15.00	135.00	-----
15 to 18 in. Root wrapped in moss and burlap-----	19.50	175.00	-----
18 to 24 in. Root wrapped in moss and burlap-----	27.50	250.00	-----

ORNAMENTAL SHRUBS—Continued

VIBURNUM—Continued

Per 10 Per 100 Per 1000

dentatum. Arrowwood Viburnum. June. 10-12 feet. Zone 2.

Attractive foliage. White flowers are followed by blue-black fruit. Glossy red fall foliage coloration. Strong, rapid grower.

12 to 18 in.-----	\$ 4.00	\$ 35.00	\$ -----
18 to 24 in.-----	5.00	45.00	-----
2 to 3 ft.-----	6.00	55.00	-----

juddi. Judd Viburnum. May. 5 feet. Zone 4.

An improved type of *V. carlesi* with bloom exactly the same. Resistant to black spot. Produced from cuttings.

12 to 15 in. Root wrapped in moss and burlap-----	20.00	180.00	-----
15 to 18 in. Root wrapped in moss and burlap-----	22.50	200.00	-----
18 to 24 in. Root wrapped in moss and burlap-----	30.00	275.00	-----

opulus sterilis Common Snowball. April-May. 10-12 feet. Zone 3.

A well-known shrub of upright, spreading branch habit. Produces white flowers in flat clusters in early spring followed by scarlet berries which hang on well into winter.

Per 10 Per 100 Per 1000

12 to 18 in.-----	\$ 4.00	\$ 35.00	\$300.00
18 to 24 in.-----	5.50	50.00	450.00
2 to 3 ft.-----	7.00	65.00	600.00
3 to 4 ft.-----	8.50	80.00	750.00

VITEX

Per 10 Per 100 Per 1000

agnuscastus latifolia. Hardy Lilac Chastetree. August. 8-9 feet. Zone 6.

Lilac-blue flowers. Gray, aromatic foliage. Blooms from July to September.

12 to 18 in.-----	\$ 3.20	\$ 28.00	\$ -----
18 to 24 in.-----	4.50	40.00	350.00
2 to 3 ft.-----	5.50	50.00	450.00
3 to 4 ft.-----	7.00	65.00	-----

WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

Plant patent No. 492. Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.

Per 10 Per 100 Per 1000

12 to 18 in. (Retail \$1.50 each) -----	\$ 5.00	\$ 45.00	\$ -----
18 to 24 in. (Retail \$2.00 each) -----	8.00	60.00	-----
2 to 3 ft. (Retail \$2.50 each) -----	9.00	80.00	-----

Per 10 Per 100 Per 1000

florida rosea. Oldfashioned Pink Weigela. May-June. 6-8 feet. Zone 5.

Very popular. Displays beautiful, showy pink flowers.

18 to 24 in.-----	\$ 5.00	\$ 45.00	\$ -----
2 to 3 ft.-----	6.00	55.00	-----

Henderson. May-June. 6-8 feet. Zone 4.

One of the hardiest varieties of Weigela. Produces quantities of light crimson flowers.

12 to 18 in.-----	3.20	28.00	-----
18 to 24 in.-----	4.50	40.00	-----

ORNAMENTAL SHRUBS—Continued

WEIGELA—Continued

Per 10 Per 100 Per 1000

Newport Red. May-June. 6 feet. Zone 4.

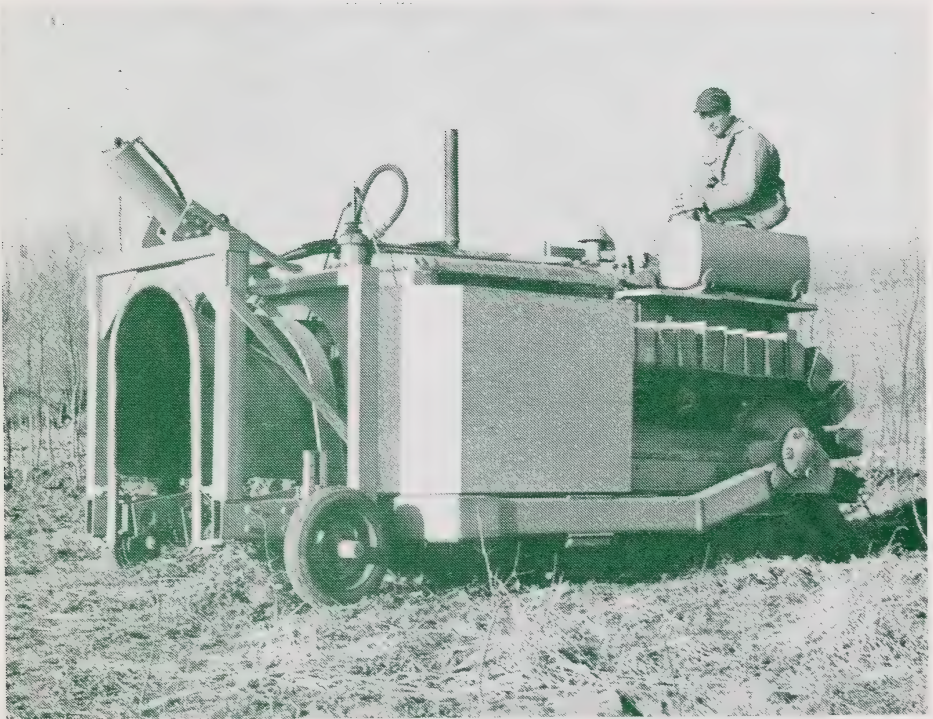
New ruby-red, recommended for its hardiness and its habit of growth. Neat, well-formed plant.

12 to 18 in.-----	\$ 4.00	\$ 35.00	\$ -----
18 to 24 in.-----	5.50	50.00	-----
2 to 3 ft.-----	6.50	60.00	-----
3 to 4 ft.-----	8.00	75.00	-----

Vanicek. June. 5-6 feet. Zone 4.

Great masses of bright crimson trumpet shaped flowers. Hardier and more shapely than other varieties.

2 to 3 ft.-----	6.00	55.00	-----
3 to 4 ft.-----	7.50	-----	-----

**D-4 DIESEL CATERPILLAR TREE DIGGER**

The above recently acquired D-4 with added horse power digs the complete root systems of trees up to 15 feet in height.

A pressing need for improved methods in digging as in other operations, prompted Dave Lake to have this machine especially designed and constructed right in Shenandoah. An important feature is the hydraulically controlled blade, flexible as to depth and turn, necessary for efficient digging on both regularly farmed and contour farmed land.

Mr. Carl Benedict is the operator.

VINES

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

CAMPISIS Per 10 Per 100 Per 1000

radicans. Common Trumpet creeper. July. 30 feet. Zone 4.

A shrubby vine that clings to stone or woodwork. Brilliant orange to scarlet flowers are its chief attraction.

2 year, No. 1	\$ 3.50	\$ 30.00	\$270.00
2 year, Medium	2.90	25.00	220.00

CELASTRUS

scandens. American Bittersweet. June. 20 feet. Zone 3.

Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.

2 year, No. 1	3.50	30.00	270.00
2 year, Medium	2.90	25.00	220.00

CLEMATIS

jackmanni, Jackman Clematis. July. 12 feet. Zone 5.

Blooms on current years wood and is covered with large, velvety purple flowers all summer. Can be heavily pruned in early spring.

	Per 10	Per 100	Per 1000
2¼ inch. pot plants	\$ 6.00	\$ 55.00	\$ ----

jackmanni Mme. Edouard Andre. July. 12 feet. Zone 5.

Velvety purplish-red flowers on current years wood.

2¼ inch pot plants	6.00	55.00	----
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lawsoniana henryi, Henry Clematis. July. 6 feet. Zone 5.

Produces large, lovely creamy-white flowers throughout the summer.

2¼ inch pot plants	6.00	55.00	----
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Per 10 Per 100 Per 1000

paniculata. Sweet Autumn Clematis. August. 30 feet. Zone 5.

Very fragrant white flowers. Lustrous, semi-evergreen foliage. The silvery seed heads make a display after flowers disappear. Vigorous and extremely ornamental.

2 year, No. 1	\$ 5.50	\$ 50.00	\$ ----
2 year, Medium	4.50	40.00	----

FUONYMUS

fortunei coloratus. Purpleleaf Winter creeper. 4 feet. Zone 5.

An excellent ground cover with leaves an inch long turning a purplish red in fall. Retains fall foliage coloration all winter.

2 year, No. 1	5.50	50.00	----
2 year, Medium	4.50	40.00	----

fortunei radicans. Common Winter creeper. 25 feet. Zone 5.

Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.

2 year, No. 1	6.50	60.00	----
2 year, Medium	5.50	50.00	----

VINES—Continued

LONICERA

heckrottii. Everblooming Honeysuckle. June. 30 feet. Zone 5.

A vinelike shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.

	Per 10	Per 100	Per 1000
2 year No. 1.....	\$ 4.50	\$ 40.00	\$350.00
2 year, Medium.....	4.00	35.00	300.00

heckrottii Gold Flame. June. 30 feet. Zone 5.

Per 10 Per 100 Per 1000

Blooms all summer. The showy flowers, borne in clusters, are red outside and a deep yellow inside. Very fragrant.

2 year No. 1.....	\$ 4.50	\$ 40.00	\$ ----
2 year, Medium.....	4.00	35.00	----

japonica halliana. Halls Japanese Honeysuckle. June. 25 feet. Zone 4.

White trumpet shaped flowers turn yellow with age. Semi-evergreen foliage turns bronze in autumn. Grows well in sun or shade and is frequently used as a ground cover. Rapid grower.

2 year, No. 1.....	2.60	22.50	200.00
2 year, Medium.....	2.10	18.00	160.00

japonica halliana Pink.

Pink flowering form of Halls Japanese Honeysuckle.

2 year, No. 1.....	2.60	22.50	200.00
2 year, Medium.....	2.10	18.00	160.00

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 3.

Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommended this Honeysuckle vine. Blooms from June until frost.

2 year, No. 1.....	3.50	30.00	270.00
2 year, Medium.....	2.90	25.00	200.00

PARTHENOCISSUS

quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.

A hardy clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.

2 year, No. 1.....	3.50	30.00	----
2 year, Medium.....	2.90	25.00	----

tricuspidata veitchi. Veitch Boston Ivy. 60 feet. Zone 4.

A graceful and hardy clinging vine. Glossy green foliage, purple when young and turning bright scarlet in fall. Rapid grower.

	Per 10	Per 100	Per 1000
2 year, No. 1.....	\$ 4.50	\$ 40.00	\$ ----
2 year, Medium.....	3.50	30.00	----

POLYGONUM

Per 10 Per 100 Per 1000

auberti. Silvertine Fleeceflower. August. 25 feet. Zone 4.

Clusters of small greenish white flowers. The foliage is dense and bright green. A vigorous, twining vine that may grow as much as 20 to 30 feet in a single season.

2 year, No. 1.....	\$ 4.50	\$ 40.00	\$ ----
2 year, Medium.....	3.50	30.00	----

VINES—Continued

WISTERIA

Per 10 Per 100 Per 1000

frutescens. American Wisteria. June. 25 feet. Zone 5.

A rapid growing Wisteria producing dark green foliage and short racemes of lilac- purple flowers.

2 year, No. 1	\$ 4.00	\$ 35.00	\$ -----
2 year, Medium	2.90	25.00	-----

HEDGING

BERBERIS

Per 100 Per 1000

thunbergi. Japanese Barberry. May. 6 feet. Zone 5.

9 to 12 in. 2 year seedlings, branched	\$ 8.50	\$ -----
12 to 18 in. 2 and 3 year seedlings, branched	11.00	-----
18 to 24 in. 2 and 3 year seedlings branched	16.00	140.00

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 5.

9 to 12 in. 2 year seedlings branched	11.00	100.00
12 to 15 in. 2 and 3 year seedlings, branched	17.00	140.00
15 to 18 in. 2 and 3 year seedlings, branched	21.00	190.00
18 to 24 in. 2 and 3 year seedlings, branched	24.00	220.00

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2.

6 to 12 in. 2 year seedlings	2.40	20.00
12 to 18 in. 2 year seedlings	3.50	30.00
18 to 24 in. 2 year seedlings	4.50	40.00
2 to 3 ft. 2 year seedlings	6.00	-----

CHAENOMELES

japonica. Japanese Flowering Quince. May. 5-6 feet. Zone 4.

9 to 12 in.	11.00	100.00
12 to 18 in.	16.00	140.00

LIGUSTRUM

amurense. Amur River North Privet. June. 15 feet. Zone 3.

Produces white flowers in small spikes followed by dull, small black berries.

9 to 12 in., branched	6.00	50.00
12 to 18 in., 2 canes and up	9.00	80.00
12 to 18 in., 3 canes and up	12.00	100.00
18 to 24 in., 2 canes and up	12.00	100.00
18 to 24 in., 3 canes and up	14.00	125.00
2 to 3 ft., 2 & 3 canes and up	14.00	125.00
2 to 3 ft., 4 canes and up	18.00	150.00
3 to 4 ft., 4 canes and up	20.00	-----

ibolium. Ibolium Privet. June. 12 feet. Zone 4.

Per 100 Per 1000

Hardier than the California Privet but very similar to it.

9 to 12 in.	\$ 5.60	\$ 50.00
12 to 18 in., 3 canes and up	9.00	80.00
18 to 24 in., 3 canes and up	12.00	100.00
2 to 3 ft., 4 canes and up	16.50	140.00

obtusifolium regelianum. Regel Privet. June. 4-5 feet. Zone 3.

A very hardy variety, low habit, with almost horizontal branching. Small white flowers are followed by dull black to blue-black berries that remain well into winter.

Per 10 Per 100 Per 1000

12 to 18 in.	2.80	24.00	220.00
18 to 24 in.	4.50	40.00	350.00
2 to 2½ ft.	5.50	50.00	450.00

HEDGING—Continued

LIGUSTRUM—Continued

Per 100 Per 1000

ovalifolium. California Privet. June. 15 feet. Zone 5.

Creamy white flowers in small clusters are followed by black berries.

9 to 12 in., branched	\$ 5.60	\$ 50.00
12 to 18 in., branched	9.00	80.00
18 to 24 in., branched	12.00	100.00
2 to 3 ft., branched	16.50	140.00

sinense. Chinese Privet. 12 feet. Zone 7.

12 to 18 in. 1 year seedlings	2.00	18.00
18 to 24 in. 1 year seedlings	2.50	22.00

vicaryi. Vicary Golden Privet. July. 12 feet. Zone 5.

An excellent hybrid. Particularly attractive because of its golden yellow foliage throughout the entire growing season.

	Per 10	Per 100	Per 1000
12 to 15 in.	\$ 3.20	\$ -----	\$ -----
15 to 18 in.	4.00	-----	-----

vulgare. European Privet. June. 15 feet. Zone 4.

Widely grown Privet. Prominent pyramidal clusters of flowers followed by shiny black berries when not closely clipped.

	Per 100	Per 1000
9 to 12 in.	\$12.00	\$100.00
12 to 18 in.	14.00	120.00

vulgare Lodense. Lodense Privet. 2-3 feet. Zone 4.

A very compact, dwarf form in demand over a wide area. Excellent hedging.

	Per 10	Per 100	Per 1000
9 to 12 in.	\$ 1.80	\$15.00	\$120.00
12 to 15 in.	2.40	20.00	160.00
15 to 18 in.	2.90	25.00	220.00

vulgare Thompson. Thompson Privet.

Rapid-growing, bushy, very desirable Privet.

	Per 100	Per 1000
12 to 18 in.	\$13.00	\$120.00
18 to 14 in.	17.00	150.00
2 to 3 ft.	20.00	180.00

LONICERA

tatarica Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

A seedling produced hedging material of vigorous growth and tidy appearance.

9 to 12 in.	5.60	55.00
12 to 18 in.	7.50	65.00
18 to 24 in.	11.00	100.00

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

Flowers are rosy pink outside and light pink inside.

9 to 12 in.	8.50	75.00
12 to 18 in.	11.00	100.00

tatarica sibirica. Red Tatarian Honeysuckle. May. 8-10 feet. Zone 4.

Flowers extremely deep pink. Excellent foliage and form.

9 to 12 in.	8.50	75.00
12 to 18 in.	11.00	100.00

HEDGING—Continued**LONICERA—Continued**

Per 100 Per 1000

tatarica zabel. Zabel Tatarian Honeysuckle. May. 10-12 feet. Zone 4.

Generally accepted as the best of the improved strains of Red Tatarian Honeysuckle. Prolific in berry. Tidy and hardy.

9 to 12 in.....	\$11.00	\$100.00
12 to 18 in.....	16.00	140.00
18 to 24 in.....	21.50	190.00

ROSA**multiflora. Japanese Rose. 1 year seedlings.**

1/4 inch and up	5.00	45.00
No. 1, 3/16 to 1/4 inch.....	4.50	40.00
No. 2, 2/16 to 3/16 inch.....	3.20	28.00
No. 3, about 2/16 inch.....	2.40	20.00

SPIRAEA**vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.**

Profuse white flower clusters, gracefully arching habit and general dependability makes this one of the most valued hedging plants.

9 to 12 in.....	8.50	75.00
12 to 18 in.....	12.00	100.00
18 to 24 in.....	15.50	140.00

ULMUS**Pumila, Siberian Elm.**

An excellent hedging material. See "Lining Out Stock."

NOTE: Lonicera heckrottii makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

**OUR STORAGE IS EQUIPPED WITH
ELECTRONICALLY CONTROLLED
EXHAUST FANS TO INSURE
STORAGE OF STOCK IN
EXCELLENT SHAPE.**

SPECIMEN EVERGREENS

PRICES include digging BALLED and BURLAPPED by experience personnel; however, ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED, OUR RESPONSIBILITY CEASES. We DO NOT guarantee survival.

Evergreens that are selected and marked by customers in the nursery will carry 20 per cent additional charge added to the following listed price.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

Per 10

JUNIPERUS**chinensis pfitzeriana aurea. Goldtip Pfitzer Juniper. Zone 4.**

An excellent type producing bright yellow foliage on new growth.

15 to 18 in.-----	\$30.00
18 to 24 in.-----	35.00
2 to 2½ ft.-----	40.00

chinensis pfitzeriana compacta. Compact Pfitzer Juniper. Zone 4.

A compact form of Pfitzer Juniper which remains bushy and compact without pruning.

15 to 18 in.-----	37.50
18 to 24 in.-----	42.50
2 to 2½ ft.-----	47.50

chinensis sargentii Maney. Maney Juniper. Zone 4.

Spreading bush type, compact, with bluish foliage. Develops about as broad as its height. Sheared Plants.

2 to 2½ ft.-----	42.50
2½ to 3 ft.-----	47.50
3 to 3½ ft.-----	55.00

communis hibernica. Irish Juniper. 6-8 feet. Zone 2.

A dense, upright form of communis. Very symmetrical with glaucous green foliage.

2 to 3 ft.-----	20.00
3 to 4 ft.-----	27.50

horizontalis plumosa. Andorra Juniper. 5 feet. Zone 2.

Foliage more feathery and a lighter green than horizontalis. Turns pinkish to purple color in autumn and remains until new growth starts.

15 to 18 in.-----	25.00
18 to 24 in.-----	30.00
2 to 2½ ft.-----	35.00
2½ to 3 ft.-----	42.50

sabina. Savin Juniper. 10 feet. Zone 4.

Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.

18 to 24 in.-----	32.50
2 to 2½ ft.-----	37.50
2½ to 3 ft.-----	45.00

scopulorum Welchi.

Grafted columnaris type Scopulorum with greenish silver foliage. Pyramidal habit is retained without shearing.

2 to 2½ ft.-----	42.50
2½ to 3 ft.-----	47.50

virginiana. Eastern Redcedar. 25-30 feet. Zone 2.

Deep green foliage turns reddish brown in winter. Well sheared plants

2 to 2½ ft.-----	27.50
2½ to 3 ft.-----	30.00
3 to 3½ ft.-----	37.50
3½ to 4 ft.-----	45.00
4 to 5 ft.-----	55.00

SPECIMEN EVERGREENS—Continued

PINUS

Per 10

nigra. Austrian Pine. 60-70 feet. Zone 2.

Remarkably robust. spreading tree. Leaves long, stiff and dark green. Used extensively in cities as it is not affected by gasses and smoke.

2 to 3 ft.-----\$35.00

LINING OUT STOCK

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied 3-4 ft. and up, 25; 2-3 ft., 50; 18-24 in. and smaller. 100 per bundle.

AMORPHA

Per 100 Per 1000

fruticosa. Indigobush *Amorpha*. 1 year seedlings.

6 to 9 in.-----	\$ 4.00	\$ 35.00
9 to 12 in.-----	7.50	60.00
12 to 18 in.-----	10.00	80.00
18 to 24 in.-----	12.50	100.00

CARAGANA

arborescens. Siberian Peashrub. 1 and 2 year seedlings.

6 to 12 in.-----	\$ 2.40	\$ 20.00
12 to 18 in.-----	3.50	30.00
18 to 24 in.-----	4.50	40.00

CATALPA

speciosa. Northern Catalpa. 1 year seedlings.

6 to 12 in.-----	1.40	12.00
12 to 18 in.-----	2.40	20.00
18 to 24 in.-----	2.90	25.00

CELTIS

occidentalis. Common Hackberry. 1 year seedlings.

6 to 12 in.-----	2.10	18.00
12 to 18 in.-----	3.00	27.00

CERCIS

canadensis. Eastern Redbud. 1 year seedlings.

6 to 12 in.-----	4.50	40.00
12 to 18 in.-----	7.00	60.00
18 to 24 in.-----	12.00	100.00
2 to 3 ft.-----	17.50	150.00

COTINUS

cogggyria. Common Smoketree. 1 year seedlings.

12 to 18 in.-----	17.50	150.00
18 to 24 in.-----	22.00	200.00

DIOSPYROS

virginiana. Common Persimmon. 1 year seedlings.

12 to 18 in.-----	4.50	40.00
18 to 24 in.-----	5.50	50.00

ELAEAGNUS

augustifolia. Russian Olive. 1 and 2 year seedlings.

6 to 12 in.-----	2.40	20.00
12 to 18 in.-----	3.50	30.00
18 to 24 in.-----	5.00	45.00

LINING OUT STOCK—Continued

FRAXINUS

Per 100 Per 1000

americana. White Ash. 1 year seedlings.

6 to 12 in.-----	\$ 1.40	\$ 12.00
12 to 18 in.-----	2.40	20.00

pennsylvanica lanceolata. Green Ash. 1 year seedlings.

6 to 12 in.-----	1.40	12.00
12 to 18 in.-----	2.40	20.00
18 to 24 in.-----	2.90	25.00

✓ **JUGLANS***nigra*. Black Walnut. 2 year seedlings.

6 to 12 in.-----	2.40	20.00
12 to 18 in.-----	3.50	30.00
18 to 24 in.-----	4.50	40.00
2 to 3 ft.-----	7.00	60.00
3 to 4 ft.-----	10.00	-----

LONICERA

Clavey Compact Dwarf Honeysuckle

2¼ inch pot plants, well established -----	17.50	150.00
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tatarica. Tatarian Honeysuckle. 2 year seedlings.

6 to 9 in.-----	4.00	35.00
9 to 12 in.-----	5.60	50.00
12 to 18 in.-----	7.50	65.00

PHILADELPHUS*virginalis*. Virginialis Mockorange. 1 year hardwood cuttings.

8 to 15 in.-----	8.00	75.00
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POPULUS

Carolina and Norway Poplar. 1 year hardwood cuttings.

2 to 3 ft.-----	4.50	40.00
3 to 4 ft.-----	7.00	60.00
4 to 5 ft.-----	8.50	80.00

Lombardy and Volga Poplar. 1 year hardwood cuttings.

18 to 24 in.-----	4.50	40.00
2 to 3 ft.-----	6.00	50.00
3 to 4 ft.-----	8.50	75.00
4 to 5 ft., lightly branched-----	12.00	100.00
5 to 6 ft., lightly branched-----	16.00	140.00

QUERCUS*borealis*. Northern Red Oak. 1 and 2 year seedlings.

6 to 12 in.-----	7.00	60.00
12 to 18 in.-----	9.00	80.00

palustris. Pin Oak. 1 and 2 year seedlings.

2 to 3 ft.-----	18.00	160.00
3 to 4 ft.-----	22.50	-----
4 to 5 ft.-----	29.00	-----

RHODOTYPOS*scandens*. Black Jetbead. 1 year seedlings.

6 to 12 in.-----	7.50	65.00
12 to 18 in.-----	10.00	85.00

LINING OUT STOCK—Continued

		Per 100	Per 1000
RHUS			
aromatica. Fragrant Sumac. 1 year seedlings.			
6 to 12 in.	-----	\$ 7.50	\$ 65.00
ROBINIA			
pseudoacacia. Black Locust. 1 year seedlings.			
6 to 12 in.	-----	1.40	12.00
12 to 18 in.	-----	2.40	20.00
18 to 24 in.	-----	2.90	25.00
2 to 3 ft.	-----	4.00	35.00
ROSA			
wichuraiana. Wichura Rose. 1 year seedlings.			
No. 1	-----	4.50	40.00
No. 2	-----	3.20	28.00
No. 3	-----	2.40	20.00
SYRINGA			
villosa. Late Lilac. 1 year seedlings.			
6 to 9 in.	-----	4.00	35.00
ULMUS			
americana. American Elm. 1 year seedlings.			
6 to 12 in.	-----	1.40	12.00
12 to 18 in.	-----	2.40	20.00
pumila. Siberian Elm. 1 and 2 year seedlings.			
6 to 12 in.	-----	1.40	12.00
12 to 18 in.	-----	2.40	20.00
18 to 24 in.	-----	2.90	25.00
2 to 3 ft.	-----	4.50	40.00
3 to 4 ft.	-----	7.50	65.00
4 to 5 ft.	-----	12.00	100.00



ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

Delivery of healthy vigorous rose bushes can be made any time after early February.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

Number after name of variety represents rating given it by the American Rose Society.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	\$ 6.50	\$ 60.00	\$550.00
Assorted as follows, No. 1½	5.25	47.50	425.00

RED SHADES

- Ami Quinard**, (6.3) dark velvety crimson, almost black; fragrant.
Better Times, (6.3) large, double, fragrant cerise flowers. Excellent for forcing.
Christopher Stone, (8.1) fragrant vivid-scarlet, free blooming plant.
E. G. Hill, (6.3) great massive blooms of deep velvety maroon.
Grenoble, (6.3) one of the best reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.
Night, (5.7) a new very dark rose; bud almost black on long strong stem; an upright and hardy plant.
Poinsettia, (7.6) one of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower.
Red Radiance, (7.9) bright rosy red, free blooming; delightfully fragrant.

PINK SHADES

- Editor McFarland**, (7.1) shapely buds and double, brilliant pink blooms. Profuse bloomer.
Picture, (8.0) a very beautiful rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.
Pink Dawn, (7.1) deep rose-pink, lightly toned orange; well formed flowers.
The Doctor, (7.6) a great achievement in rose breeding. The buds are long and pointed; enormous blooms of silvery pink. Intensely fragrant.

YELLOW SHADES

- Eclipse**, (8.1) yellow tapering buds on vigorous and branching plants.
Golden Charm, (6.4) dainty pointed yellow blooms.
Joanna Hill, (7.1) double blooms of golden buff, yellow center; fragrant.
McGredy's Yellow, (7.5) well formed flowers of bright buttercup yellow. Glossy.
Mrs. E. P. Thom, (6.7) large, well shaped, bright canary yellow.
Mrs. P. S. DuPont, (7.4) bud reddish-gold, flower golden-yellow, lighter with age.
Soeur Therese, (7.5) double rich yellow blooms; vigorous, upright and profuse.
Yellow Sastago, (7.0) vigorous yellow sport of the popular two-toned variety.

TWO-TONED SHADES

- Condesa de Sastago**, (7.4) petals are coppery pink inside, golden reverse.
Contrast, (6.6) long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.
Countess Vandal, (7.5) pink, copper, gold and salmon color combinations; long pointed buds, strong stems.
Duquesa de Penaranda, (7.2) strong, vigorous grower, very free flowering; apricot orange to dark pink. A most desirable variety.
Mme. Joseph Perraud, (7.0) High-centered, perfectly formed buds and double blooms shading from shell-pink at the edges to buff and orange in the center.
Talisman, (6.5) golden-yellow, stained coppery-red and orange-rose; a favorite variety.

ROSES—Continued**WHITE SHADES**

Caledonia, (5.5) large double, white; long buds opening to large, double flowers.

K. A. Viktoria, (6.7) very popular, free flowering, double, pure white.

McGredy's Ivory, (7.2) Ivory-white, perfectly shaped double blooms; sweet scented.

Snowbird, (7.1) Most prolific pure white bedding rose. Full petaled and perfectly formed.

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6.50	\$ 60.00	\$550.00
Assorted as follows, No. 1½.....	5.25	47.50	425.00

American Beauty, (6.6) a very popular cerise-red variety.

Frau Karl Druschki, (8.0) very popular large pure white.

General Jacqueminot. Bud of scarlet-crimson opening to fragrant, clear red on long, strong stems.

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1.....	\$ 6.50	\$ 60.00	\$550.00
Assorted as follows, No. 1½.....	5.25	47.50	425.00

Baby Chateau, (7.3) Deep red massive blooms. Excellent.

Cameo, (7.8) shell pink and salmon with a glow of gold; blooms continuously.

Dagmar Spaeth, (8.2) alabaster white, edged pink.

Ellen Poulsen, (7.6) Bright rose-pink, double and fragrant.

Else Poulsen, (7.6) splendid bright rose-pink flowers of large size; fragrant.

Eutin, (8.6) clusters of very double, deep red flowers. Vigorous grower. mildew resistant bush.

Floradora, (8.2) scarlet and geranium red floribunda producing double 25 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.

Golden Salmon, (6.5) Bright orange-salmon. Blooms continually.

Gruss an Aachen, () Orange-red and yellow bud opens to a large flesh-pink fading to creamy white bloom.

Lafayette Improved, (7.3) large flowers of bright cherry-crimson.

Poulsen's Bedder, (7.9) strong upright plants of about 3 ft. Produces masses of large slightly ruffled blooms of a clear rich pink. Long lasting.

Red Ripples, (7.7) Flowers semi-double, open, slightly fragrant, oxblood-red to carmine.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Grootendorst, F. J. Small bright red flowers in clusters.			
18 to 24 in.....	6.00	55.00	-----
12 to 18 in.....	5.00	45.00	-----
Grootendorst, Pink. (7.3) charming pink variety of Grootendorst.			
2 to 3 ft.....	7.00	65.00	-----
18 to 24 in.....	6.00	55.00	-----
Grootendorst Supreme. Deep crimson-red and longer lasting flowers than F. J. Grootendorst.			
18 to 24 in.....	6.00	55.00	-----
Hansa , (7.7) large, double reddish violet flowers; very hardy.			
2 to 3 ft.....	7.00	65.00	-----
18 to 24 in.....	6.00	55.00	-----
12 to 18 in.....	5.00	45.00	400.00
Hugonis , (7.8) early blooming shrub rose; pale yellow; hardy.			
2 to 3 ft.....	6.50	60.00	-----
18 to 24 in.....	5.50	50.00	-----
12 to 18 in.....	4.00	35.00	-----
Sir Thos. Lipton , (7.0) snowy white flower freely produced.			
2 to 3 ft.....	6.50	60.00	-----
18 to 24 in.....	5.50	50.00	450.00
12 to 18 in.....	4.50	40.00	350.00

ROSES—Continued
CLIMBERS and RAMBLERS

	Per 10	Per 100	Per 1000
Climbing American Beauty, (7.6) Flowers rich red to Crimson.			
No. 1 -----	\$ 6.00	\$ 55.00	\$500.00
No. 1½ -----	5.00	45.00	400.00
No. 2 -----	3.20	28.00	250.00
Blaze, (8.1) hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet crimson flower.			
XX Heavy -----	7.00	65.00	-----
No. 1 -----	6.50	60.00	550.00
No. 1½ -----	5.50	50.00	450.00
No. 2 -----	3.70	32.00	280.00
Climbing Crimson Glory—See patented roses for prices and descriptions.			

ROSES—Continued
CLIMBERS and RAMBLERS—Continued

	Per 10	Per 100	Per 1000
Dorothy Perkins, (5.9) Soft shell-pink flowers.			
No. 1 -----	\$ 4.50	\$ 40.00	\$350.00
No. 1½ -----	3.20	28.00	250.00
No. 2 -----	2.40	20.00	-----
Dr. J. H. Nicolas—See patented roses for prices and descriptions.			
Dr. Van Fleet, (8.7) Pale pink buds and flowers on long stems.			
No. 1 -----	6.00	55.00	-----
No. 1½ -----	5.00	45.00	-----
No. 2 -----	3.20	28.00	-----
King Midas—See Patented Roses for prices and description.			
New Dawn, (8.8) fragrant blush pink flowers in clusters. Everblooming.			
No. 1 -----	6.50	60.00	-----
No. 1½ -----	5.50	50.00	-----
No. 2 -----	4.00	35.00	-----
Paul's Scarlet Climber, (9.1) large intense scarlet flowers borne in clusters, free-flowering and hardy.			
XX Heavy -----	6.50	60.00	-----
No. 1 -----	6.00	55.00	500.00
No. 1½ -----	5.00	45.00	400.00
No. 2 -----	3.20	28.00	250.00

Our roses are stored in our cold storage, where temperature and humidity is thermostatically controlled. We have equipped this storage with ultra-violet ray lamps which enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants.



ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are **FOR SALE AT RETAIL ONLY**, at or above prices specified. **PRICES ARE NET.**

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Applause, (7.8) Patent No. 829. (Retails \$2.25 ta.; 3 or more \$2.00 ta.) Long pointed bud; large, 50 petal flowers of light red. Winner of the Bagatelle Gold Medal in 1947.				
No. 1	\$ 1.25	\$ 1.12½	\$ --	\$ --
No. 1½	1.25	.90	--	--
Capistrano, (7.4) Patent No. 922. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Rich shade of deep glowing rose pink, in the bud as well as in the open flower. Blooms have a rich, heavy, lasting fragrance. A.A.R.S. award for 1950.				
No. 1	1.10	1.00	--	--
No. 1½	.88	.80	--	--
Charlotte Armstrong, (9.0 Patent No. 455. (Retail \$2.25 ea. 3 or more \$2.00 ea.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.				
No. 1	1.25	1.12½	1.05	--
No. 1½	1.00	.90	.84	--
Chrysler Imperial, (8.8) Patent No. 1167. (Retails \$2.50 each; 3 or more \$2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enlivened by darker overtones of glowing oxblood red, and the gemlike lustre of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large, high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.				
No. 1	1.40	1.25	1.20	1.10
No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Forty-Niner, (6.8) Patent No. 792. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient-red while the outside is a chrome-yellow, changing to straw-yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals, mildly fragrant.				
No. 1 -----	\$ 1.25	\$ 1.12½	\$ 1.05	\$ --
No. 1½ -----	1.00	.90	.84	--
Fred Howard, (7.0) Patent No. 1006, (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Long, rich yellow buds are tipped with delicate penciling of light pink. Strong, hardy, fully branched; dark shiny foliage; grows high; long stems excellent for cutting; blooms from early spring to late fall. A.A.R.S. award 1952.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	.80	--	--
Golden Scepter, (7.3) Patent No. 910. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	.80	--	--
Helen Traubel, (8.7) Patent No. 1028. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened blooms display the lovely color in a most lavish way. Very vigorous. A.A.R.S. award for 1952.				
No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88
Katherine T. Marshall, (7.2) Patent No. 607 (Retail \$1.75 ea.; 3 or more \$1.55 ea.) A rose of rare beauty and delicacy of form—growing vigorously with large; open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.				
No. 1 -----	1.00	.87½	--	--
No. 1½ -----	.80	.70	--	--
Lowell Thomas, (7.7) Patent No. 595. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting, clear canary-yellow, on strong stem Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.				
No. 1 -----	1.25	1.12½	--	--
No. 1½ -----	1.00	.90	--	--

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Mirandy, (7.7) Patent No. 632. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals display new beauties of form and is long lasting. Marvelously fragrant.				
No. 1 -----	\$ 1.25	\$ 1.12½	\$ 1.05	\$ --
No. 1½ -----	1.00	.90	.84	--
Mission Bells, (7.8) Patent No. 923. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Deep glowing salmon, which opens to a clear shrimp pink color. Vigorous, heavily branched plants are abundantly clothed with disease resistant coppery green foliage. The buds are pointed and open to high centered flowers which often measure 5½ inches across A.A.R.S. award for 1950.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	.80	--	--
Mojave, (7.2) Patent No. 1176. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) 1954 A.A.R.S. Award Winner. A Charlotte Armstrong cross retaining many of the fine plant characteristics of its parents along with the slender bud of that variety. The color is a blend of salmon, apricot and orange, and occasionally in cool weather the salmon changes to red blended with the other two colors.				
No. 1 -----	1.50	1.37½	--	--
No. 1½ -----	1.20	1.10	--	--
New Yorker, (8.0) Patent No. 823. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
No. 1 -----	1.25	1.12½	--	--
No. 1½ -----	1.00	.90	--	--
Nocturne, (8.1) Patent No. 713. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) The color is bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
No. 1 -----	1.25	1.12½	--	--
No. 1½ -----	1.00	.90	--	--

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Peace , (9.6) Patent No. 591. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open, color changes from canary-yellow, pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flower slowly opens to glorious 5 inch blooms. A.A.R.S. award for 1946.				
No. 1½ -----	\$ 1.12	\$ 1.00	\$.96	\$.88
President Eisenhower , (6.6) Patent No. 1217. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Large ovoid buds open wide to 4 to 5 inch blooms with 35 to 40 curved petals. Rich uniform rose-red of lasting brilliance with a strong very sweet, old rose fragrance. Blooms come singly on strong stems. Free and continuous bloomer on upright, bushy, heavy caned plants 2½ to 3 feet high, with few thorns and leathery, dark green, disease resistant foliage.				
No. 1 -----	1.25	1.12½	1.05	--
No. 1½ -----	1.00	.90	.84	--
Rex Anderson , (6.9) Patent No. 335. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) An outstanding exhibition rose of delicate, lovely ivory-white. Perfectly formed, slow opening, one of the few successful whites. Flowers fully double and of enormous size.				
No. 1 -----	1.00	.87½	--	--
No. 1½ -----	.80	.70	--	--
Sutters Gold , (8.1) Patent No. 885. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Beautiful, long-pointed, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored, A.A.R.S. award for 1950.				
No. 1½ -----	1.00	.90	--	--
Tiffany , (8.7) Patent No. 1304. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Ovoid buds open to large high-centered blooms with golden shading at base of petals. The double blooms have an outstanding fragrance. Petals of heavy texture are very long lasting. A.A.R.S. award for 1955.				
No. 1 -----	1.40	1.25	--	--
No. 1½ -----	1.12	1.00	--	--

PATENTED CLIMBERS

Aloha , (6.2) Patent No. 948 (Retail \$2.50 ea.; 3 or more \$2.20 ea.) The primary bud develops into a gorgeous five inch bloom, but the secondary buds do not open fully until the first flower has practically finished. Rich rose-pink with soft lilac silvery pink on inside of petals when open. Deeper tones when in tight buds.				
No. 1 -----	1.40	1.25	--	--
No. 1½ -----	1.12	1.00	--	--

ROSES—Continued

PATENTED CLIMBERS—CONTINUED

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Cl. Charlotte Armstrong , (9.3) Patent No. 523. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Sturdy climbing form of the international favorite bush Hybrid Tea.				
No. 1 -----	\$ 1.40	\$ 1.25	\$ --	\$ --
No. 1½ -----	1.12	1.00	--	--
Cl. Crimson Glory , (8.3) Patent No. 736. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Climbing form of the outstanding hybrid-tea, producing an abundance of perfectly formed crimson colored blooms.				
No. 1 -----	1.40	1.25	1.20	--
No. 1½ -----	1.12	1.00	.96	--
Cl. Forty-Niner , Patent No. 1094. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Climbing form of the popular Hybrid Tea.				
No. 1 -----	1.40	1.25	--	--
No. 1½ -----	1.12	1.00	--	--

Cl. Golden Showers Patent applied for. (Retail at \$3.00 ea.; 3 or more \$2.65 ea.) Golden Showers is the first winter-hardy, everblooming Pillar and Climbing Rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25 to 30 petaled, 3½ to 4 inch, yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. AWARD WINNER.				
	10-20 Each	20-100 Each	100-250 Each	250-up Each
No. 1 -----	1.65	1.50	--	--
No. 1½ -----	1.32	1.20	--	--

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Cl. Peace , (7.2) Patent No. 932. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Climbing form of the famous bush. Hybrid Tea.				
No. 1 -----	\$ 1.25	\$ 1.12½	\$ --	\$ --
No. 1½ -----	1.00	.90	--	--
King Midas , (6.7) Patent No. 586. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Golden yellow with large, double high-centered flowers with good form. Buds are touched with red.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	.80	--	--

ROSES—Continued

PATENTED FLORIBUNDA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Baby Blaze, (7.6) Patent No. 1362. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
No. 1½ -----	\$.88	\$.80	\$.76	\$ --
Chatter, (7.3) Patent No. 739. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.				
No. 1 -----	.90	.75	.70	.65
No. 1½ -----	.72	.60	.56	.52
Fanfare, () Patent No. 1385. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Vigorous, large plant to 3½ feet producing almost continuous bloom to 3 inches of orange, salmon and pink. Rounded, compact habit.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	.80	--	--
Fashion, (8.9) Patent No. 789. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Brilliant luminous coral flowers overlaid with gold, opening with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S award for 1950.				
No. 1 -----	1.10	1.00	.95	--
No. 1½ -----	.88	.80	.76	--
Frolic, (8.4) Patent No. 1179. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Medium sized compact plant covered with clear pink blooms. A perfect Floribunda for hedges, borders or show.				
No. 1 -----	1.10	1.00	.95	--
No. 1½ -----	.88	.80	.76	--
Geranium Red, (7.1) Patent No. 811. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Flowers very double (50 petals.) Strong geranium fragrance, bright geranium-red; cluster.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	.80	--	--
Goldilocks, (7.3) Patent No. 672. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Rich golden yellow buds are ovoid in shape, long lasting, hardy, and vigorous.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Jiminy Cricket , (8.0) Patent No. 1346 Retail \$2.00 ea.; 3 or more \$1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foli- age turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. award for 1955.				
No. 1 -----	1.10	1.00	--	--
No. 1½ -----	.88	\$.80	\$ --	\$ --
Lilibet , (6.4) Patent No. 1209. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) A.A.R.S. Award for 1954. The model hardy plant carries clusters of radiant roses in a color range from light rose to soft pink in the progres- sive stages of bloom. Mildew and spot resistant.				
No. 1 -----	1.10	1.00	.95	--
No. 1½ -----	.88	.80	.76	--
Pinocchio , (7.8) Patent No. 484. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) A hardy plant producing an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft pink and in great clusters.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
Red Pinocchio , (8.8) Patent No. 812. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Wild rose fragrance. Vigorous; pro- lific bloomer.				
No. 1 -----	1.00	.87½	.80	.75
No. 1½ -----	.80	.70	.64	.60
Summer Snow , (7.4) Patent No. 416. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) The most prolific of white Floribundas with great "drifts" of beautiful large clusters like mounds of snow. Fragrant.				
No. 1 -----	.90	.75	--	--
No. 1½ -----	.72	.60	--	--
Vogue , (8.2) Patent No. 926. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Floribunda with its own unique brilliantly glowing cherry- coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. award for 1952.				
No. 1½ -----	.88	.80	.76	--
White Pinocchio , (5.6) Patent No. 1010. (Re- tails \$1.50 ea.; 3 or more \$1.30 ea.) New outstanding Floribunda, semi-double flow- ers of pure white with yellow stamens. Large 2 to 2½ in. flowers.				
No. 1 -----	.90	.75	--	--
No. 1½ -----	.72	.60	--	--

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
World's Fair, (8.0) Patent No. 362. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) A.A.R.S. Award 1940. Produces large cluster of velvety blooms of fragrant blackish-scarlet with mass of gold stamens.				
No. 1 -----	\$.90	\$.75	\$.70	\$ --
No. 1½ -----	.72	.60	.56	--

Yellow Pinocchio, (6.2) Patent No. 992. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Newest member of the Pinocchio family. Sturdy bush about three feet tall, producing great masses of bloom in an apricot-yellow color. When at the peak of bloom, it is a rounded mound of yellow.

No. 1 -----	.90	.75	.70	--
No. 1½ -----	.72	.60	.56	--

PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Buccaneer, (7.5) Patent No. 1119. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.				
No. 1 -----	\$ 1.40	\$ 1.25	\$ 1.20	\$ --
No. 1½ -----	1.12	1.00	.96	--
Carrousel, (9.0) Patent No. 1066. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.				
No. 1 -----	1.10	1.00	.95	--
No. 1½ -----	.88	.80	.76	--
Montezuma, () Patent No. 1383. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long buds of bright scarlet-orange slowly changes to an attractive salmon-orange as big double blooms unfold. Flowers in long-stemmed clusters.				
No. 1½ -----	1.20	--	--	--
Queen Elizabeth, (9.0) Patent No. 1259. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.				
No. 1 -----	1.40	1.25	1.20	1.10
No. 1½ -----	1.12	1.00	.96	.88

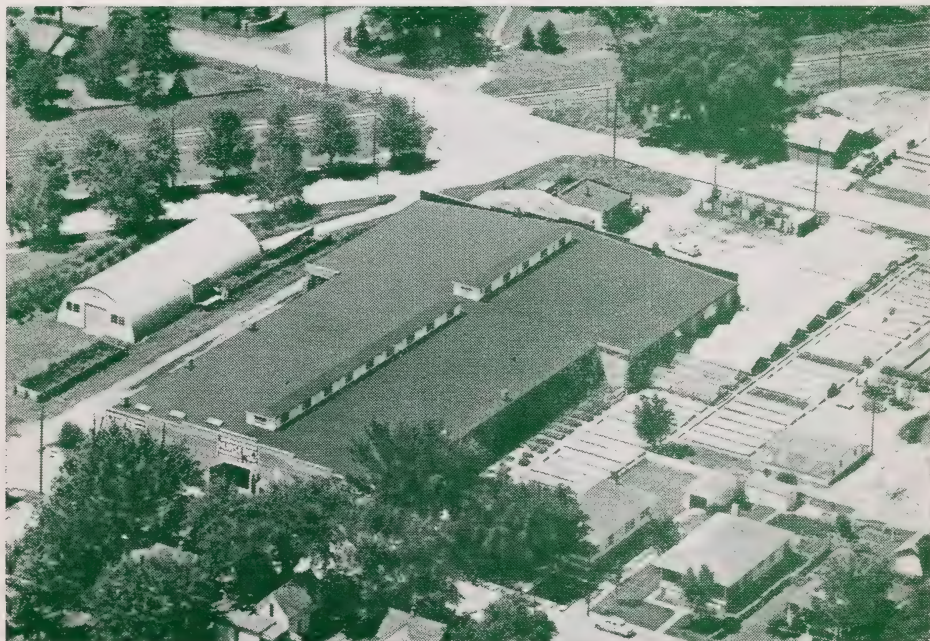
PEONIES

Although we are growing the best of the old and many of the recent introductions of merit, our available list is now reduced to the following four fine varieties Strong 3/5 eye divisions.

	Per 10	Per 100
Felix Crouse (Crousse 1881) 8.4. Bright ruby-red. Double. ----\$ 4.00	\$ 4.00	\$ 35.00
Karl Rosenfield (Rosenfield 1890) 8.8. Brilliant dark crimson.--- 4.50	4.50	40.00
Mme. De Verneville (Crousse 1885) 7.9. Pure white with crimson flecked center. ----- 4.00	4.00	35.00
Sarah Bernhardt (Lemoine 1806) 9.0. Flowers of remarkable size in clusters full and double; apple blossom pink with each petal silvery tipped. ----- 4.50	4.50	40.00

BY COLOR

Pink — Unnamed -----	2.90	25.00
Red — Unnamed -----	2.90	25.00



Aerial view of some of our storage and propagating facilities.

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

AQUILEGIA, Columbine, May-June	Per 10	Per 100
Chrysantha, best long-spurred golden yellow flowers, 2½ ft. Late.	\$ 1.80	\$ 15.00
Crimson Star. New Improved Crimson Star. Large flowers of the most striking crimson with white corolla, 24 in. -----	2.10	18.00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft. -----	1.40	12.00
Rose Queen, Rose with white corolla, 18 in. -----	1.80	15.00
ASTERS, HARDY—Starwort or Michaelmas Daisy. Sept.-Oct.		
Beechwood Challenger, clear crimson-red, free-flowering. 3½ ft.---	2.10	18.00
Blue Lagoon, new variety of the Novi-Belgi type flowers, quiet and lovely -----	1.80	15.00
Harrington's Pink, silvery rose-pink, prolific bloomer. 4 ft. ----	2.10	18.00
Mt. Everest, Finest and best white. Very tall, well shaped, pintoed pyramids, with an abundance of lateral growth, which flower right down to the ground. Very small eye. 3 to 4 ft. -----	2.10	18.00
Sunset, A glorious sunset pink. Good habit and extremely free flowering. One of the best new pink sorts. 36 in. tall.-----	1.80	15.00
CAMPANULA, Bellflower		
Medium (Single canterburybells), large bell-shaped flowers		
Blue, Rose and White, separate colors, June 2 ft. -----	1.40	12.00

CHRYSANTHEMUMS

Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2½ inch pot plants.

STANDARD AND KOREAN VARIETIES

Algonquin, a very hardy variety, with healthy foliage. Flowers will stand 25 degree temperature. Pure bright yellow flowers; large and double. Early. -----	\$ 1.80	\$ 15.00
Yellow Avalanche, large double sport of Avalanche. Sept. 15 18 to 24 in.-----	2.90	----

SPECIAL LIST OF NEW VARIETIES OF CHRYSANTHEMUMS

Pink No. 1092, lavender-pink, upturned petals. Good cut flower. Sept. 15. 18 inches. -----	2.10	18.00
Purple Star. Bright, dahlia-purple flowers of star-like shape, semi-double to nearly double. Early September. 2 ft. -----	2.10	18.00
September Bronze. Golden bronze pompon. Late September 12 in. -----	2.10	18.00

UNIVERSITY OF MINNESOTA INTRODUCTIONS

Butterball. Double ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 1 8 inches. ----	2.10	18.00
Dr. Longley. Double bright rose pink. August 20, 18 in. -----	2.90	25.00
Glacier. Pure glistening white, fully double flowers. Plants are covered solidly with blooms. Fine for borders. Late Aug. 16 in. -----	2.10	18.00
Red Gold. Double. Blooms are a lively cmbination of red and golden orange Flowers withstand 25 degree tmpearture. Late. August. 20 inches. -----	2.10	18.00

UNIVERSITY OF CHICAGO INTRODUCTIONS

Courageous. Large bright dark ruby-red double flowers 3½ inches in diameter. A strong, upright plant with heavily green foliage. Late September. -----	\$ 2.10	\$ 18.00
Early Harvest. Produces a mass of charming double mahogany-orange flowers for two months. A superior cushion type plant. Early September. 16 inches. -----	2.10	18.00
Fairbow. Heavy blooming lavender-pink Pompon. Splendid upright growth makes it a good cut flower. Early Sept. -----	2.10	18.00

HARDY PERENNIALS—Continued

Per 10 Per 100

CUSHION CHRYSANTHEMUMS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion , double flowers compact mounds of bronze and copper. Early. -----	\$ 1.80	\$ 15.00
Pink Cushion . Masses of light pink flowers in broad mounds.----	1.80	15.00
Purple Cushion . A perfectly shaped, round bushy plant. Double purplish-rose colored flowers, with deep wine centers. -----	2.40	20.00
Red Cushion . A splendid improved early crimson red variety.----	1.80	15.00
White Cushion , a select strain, double white flowers. -----	1.80	15.00
Yellow Cushion , pure golden yellow; early flowering and long lasting. -----	1.80	15.00

CARNATION HARDY— See *Dianthus Grenadin Caryophyllus*

CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June -July.

	Per 10	Per 100	Per 1000
Alaska Supreme shapely plants, large flowers. June- July	\$ 1.20	\$ 10.00	\$ 80.00

COREOPSIS, Tickseed, June

	Per 10	Per 100
Mayfield Giant , long, wiry stems. 3 ft. -----	\$ 1.20	\$ 10.00

***DIANTHUS.**

Barbatus, Old Fashioned Sweet William.

This is the Old Fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Giant White , -----	1.40	12.00
Newport pink . Rich salmon pink. This variety being grown from seed is always partly mixed. -----	1.40	12.00
Purple Beauty . Bright deep purple. -----	1.40	12.00
Scarlet Beauty . 18 inches. -----	1.40	12.00

DIANTHUS GRENADIN CARYOPHYLLUS
(HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, full double producing flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Dwarf Bright Scarlet -----	\$ 1.80	\$ 15.00
Golden Sun . Early flowering, very double, large clear yellow flowers. -----	1.80	15.00
Rose Queen Triumph . Deep delicate pink. -----	1.80	15.00
White -----	1.80	15.00

***FUNKIA**, Hosta, plaitain Lily.

Lancifolia , green foliage, lilac flowers. July-Aug. 18 in. -----	\$ 1.80	\$ 15.00
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GAILLARDIA, Blanket Flower, June until frost.

Burgundy , rich wine-red; excellent for cutting. 1½ to 2 ft. -----	1.80	15.00
Dazzler , large golden and maroon flowers, strong stems. 1½ ft. --	1.40	12.00

HARDY PERENNIALS—Continued

	Per 10	Per 100
GYPSOPHILA, Baby's Breath.		
<i>paniculata compacta</i> , snow white double. A symmetrical mass of minute white flowers during August and September. 2 ft.-----	1.20	10.00
HEMEROCALLIS, Day Lily.		
<i>Flava</i> , clear lemon yellow sweet scented, profuse. June. 2½ ft.-----	1.40	12.00
<i>Hyperion</i> , popular yellow with very large slightly fragrant flowers Profilic bloomer. Mid-July to August. 3 feet. -----	3.20	30.00
*HEUCHERA, Coralbells.		
<i>Brizoides</i> , coral-pink, very prolific. May. 12 in. pot plants. ---	1.30	15.00
*IBERIS, Hardy Candytuft.		
<i>sempervirens</i> , each plant is a sheet of white in May and June; plants are dwarf, deep green foliage almost evergreen. 8 in.---	1.40	12.00
LATHYRUS, Everlasting Sweet Pea		
<i>latifolium</i> , a lovely trailing plant that blooms all summer. Pink, Red and Pink separate colors. 3 ft.-----	1.40	12.00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips -----	.40	3.50
Clumps (10 pips each) -----	2.90	25.00
*LINUM, Flax		
<i>perenne</i> , bright blue flowers, upright growth. -----	1.20	10.00
<i>perenne alba</i> , white flowers, upright growth. -----	1.20	10.00
LYTHRUM		
The Beacon. For small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost. --	2.10	18.00
Morden's Pink. Large flower sprays of clear pink. July-Sept. 2-3 ft. -----	2.10	18.00
MYOSOTIS, Forget-me-not		
* <i>Palustris semperflorens</i> , rich blue flower, yellow eye, Blooms all summer. 8 in. -----	\$ 1.40	\$ 12.00

PHLOX—Paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
<i>Adonis</i> , new, fine scarlet-crimson. -----	\$ 2.40	\$ 20.00
<i>Antoinette Six</i> , Unusually large heads of pure white. -----	1.80	15.00
<i>Border Queen</i> , a fine gleaming rich pink. -----	1.80	15.00
<i>B. Symone Jenne</i> , large heads of clear pink. -----	2.10	18.00
<i>Charles Curtis</i> , brilliant sunset red. 2½ ft. Color does not fade. --	2.10	18.00
<i>Harvest Fire</i> , large, salmon-orange trusses made up of large florets	1.80	15.00
<i>Lillian</i> , a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely. -----	1.80	15.00
<i>Prime Minister</i> , pure white and distinct crimson eye. -----	1.80	15.00
<i>Progress</i> . Superb light blue, handsomely set off with deeper purple-blue yes, extremely large flower heads with 1½ to 2 inch florets. Rich, dark green foliage. 2½ feet. -----	2.10	18.00
<i>Pink Charm</i> , bright clear pink with scarlet sheen. -----	2.10	18.00
<i>Pinkette</i> , large florets of soft, delicate pink. -----	2.10	18.00
<i>Purple Heart</i> , brilliant deep blue-purple, darker center with cream colored anthers. -----	2.10	18.00
<i>World Peace</i> . Pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best new white. -----	2.40	20.00

HARDY PERENNIALS—Continued**PHLOX, subulatta, Moss or Mountain Pinks.**

<i>alba</i> , pure white flowers cover the compact plant in May. -----	1.40	12.00
<i>atropurpurea</i> , deep carmine red, darker eye. May-June. 4 in. ----	1.40	12.00
Autumn Rose , A fine pink recurrent flowering variety. Blooming in early spring as well as late summer. -----	2.10	18.00
Blue Emerald Cushion , a fine blue upon a mat of excellent emerald foliage. -----	2.10	18.00
Emerald Cushion . A new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox. -----	2.10	18.00
May Snow . An extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches. -----	2.10	18.00
Moerheimi An excellent Dutch introduction producing large pink flowers in spring. -----	2.10	18.00
Sky Blue , a fine compact plant with light blue flowers in a splendid display. -----	1.80	15.00

PHYSALIS, Chinese Lantern Plant.

<i>francheti</i> . Bright orange-scarlet lantern-like fruits, excellent for winter bouquets. Early fall. 2 ft. -----	1.40	12.00
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PHYSOSTEGIA, False Dragonhead

<i>virginia vivid</i> , large deep pink, splendid cut flowers. Dwarf.-----	2.10	18.00
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PLATYCODON, Ballon Flower. June and July. 18 in.

<i>grandiflorum</i> , blue -----	1.40	12.00
<i>grandiflora rosea</i> , Lovely new pure rose-pink. -----	1.80	15.00

PYRETHRUM, Painted Daisy. May-June. 18 in.

<i>hybridum roseum</i> , soft pink and rose shades, single. -----	1.40	12.00
Robinsons Dark Crimson . Flowers crimson scarlet and immensely large. Strong long stems and very free flowering.-----	2.10	18.00

SALVIA (Sage)

Edible, especially valuable for seasoning. 2 ft. -----	1.20	10.00
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***SEDUM, Stonecrop**

	Per 10	Per 100
Acre , (Golden Moss), green foliage yellow flowers. July. 4 in. ----	\$ 1.40	\$ 12.00
Kamtschaticum . Orange-yellow flowers with prostrate, green foliage turning golden in autumn. -----	1.80	15.00
Sexangulare . Yellow flowers, very dark green foliage. May-June. 4 inches. -----	1.80	15.00
Spectabilis Brilliant , light green foliage, broad heads of rich rose-red flowers. August-September. 15 inches. -----	1.80	15.00

YUCCA FILAMENTOSA

Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery work and stands out among all other plants. June-July. From root divisions. -----	2.10	18.00
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LILIES**Domestic Grown**

	Per 10	Per 100
tenuifolium (Coral L) . Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.-----	.70	6.00
3 to 4 in.-----	1.00	8.00
4 to 5 in.-----	1.40	12.00
tigrinum , the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.-----	1.00	8.00
Double 3 to 4 in.-----	.90	7.00

SPRING BULBS and TUBERS

BEGONIA

Tuberous Rooted. Suitable for pot and landscape use.

Per 100 Per 1000

Mixed Colors ----- \$ 6.50 \$ -----

CANNA

Strong, 3-5 eye divisions ----- \$ 8.00 \$ 75.00

Ambassador. A fine foliage Canna producing extra large bronze leaves and very small orange flowers. 5 to 6 feet.

City of Portland. Large, lovely plain pink flowers, green foliage, and medium tall.

King Humbert. Large light red flowers, bronze foliage, and medium tall

President. Very large bright red flowers. Green foliage. Dwarf Growing.

Yellow King Humbert. Large yellow flowers variegated with shades of yellow. Green foliage and medium tall.

DAHLIA

DECORATIVE

Avalon, fine canary yellow, excellent for cutting ----- \$ 2.10 \$ 18.00

Commando, dark lavender blooms 12 x 5 inches. Heavy insect resistant foliage. Early and prolific ----- 4.00 35.00

Scarlet Beauty, good scarlet ----- 2.00 18.00

BALL

A. D. Lavoni, pink formal flowers ----- 1.80 15.00

Red Chief, best of all red ball dahlia ----- 1.80 15.00

Storm King, one of the best whites ----- 1.80 15.00

Yellow ----- 1.80 15.00

GLADIOLI

Black Opal, dark red flowers on long spikes ----- \$ 4.50 \$ 40.00

Burma, very large heavily ruffled flowers of rose-red ----- 4.50 40.00

Cardinal Cpellman, violet with deeper shade inside ----- 4.50 40.00

Ethel C. Cole, light pink flowers on tall strong stems, early bloomer 4.50 40.00

Frans Hals, bright red edged with violet ----- 4.50 40.00

General Eisenhower, vivid rose on strong erect stems. Vigorous grower ----- 4.50 40.00

Lavender Dream, orchid-lilac. Fine cut flower ----- 4.50 40.00

Oregon, ruffled yellow flowers with deeper yellow throat. Late bloomer ----- 4.50 40.00

Pactolus, salmon with striking red mark ----- 4.50 40.00

Pink ----- 4.50 40.00

Purple ----- 4.50 40.00

Red ----- 4.50 40.00

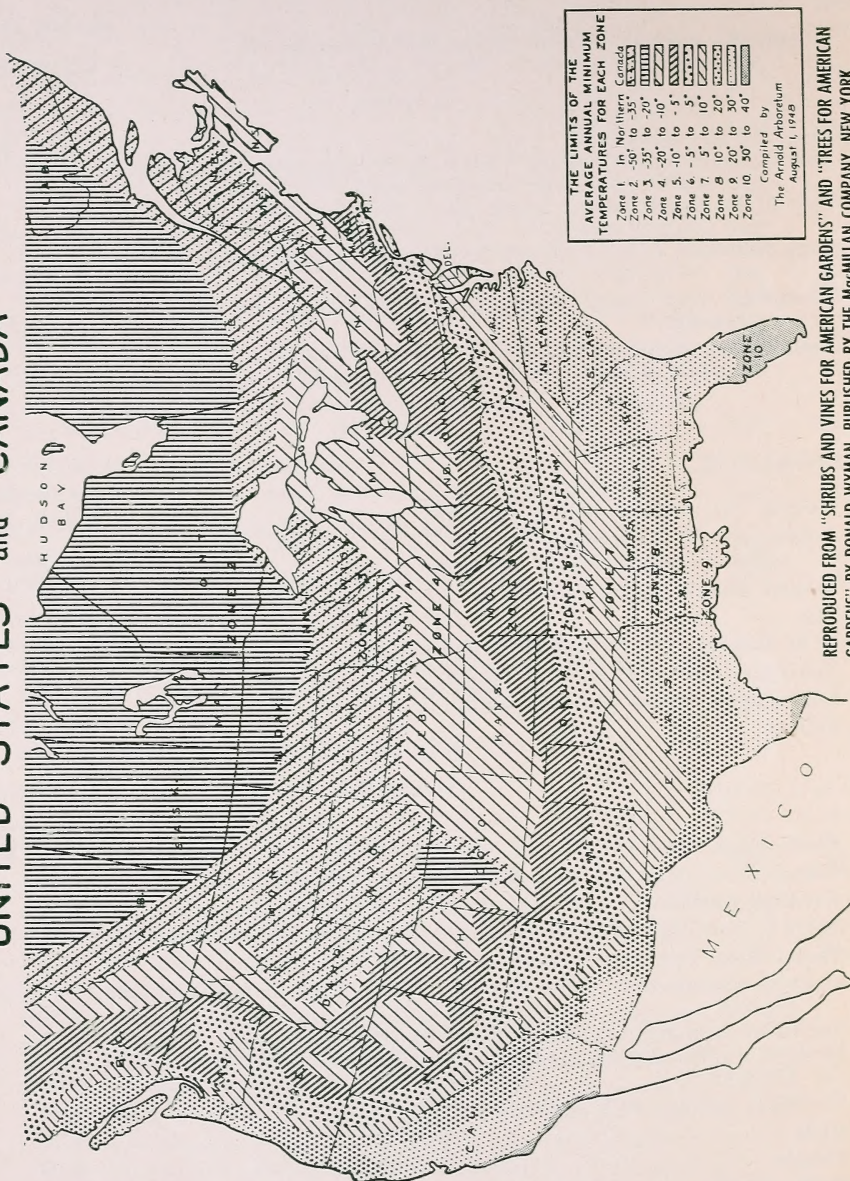
Yellow ----- 4.50 40.00

*TUBEROSES, (Mexican)

This is the best of all Tuberoses. Single flowering, very fragrant. Blooms July-Aug.

No. 1 size ----- \$.80 \$ 7.50

HARDINESS ZONES of the UNITED STATES and CANADA



REPRODUCED FROM "SHRUBS AND VINES FOR AMERICAN GARDENS" AND "TREES FOR AMERICAN GARDENS" BY DONALD WYMAN, PUBLISHED BY THE MACMILLAN COMPANY, NEW YORK

INDEX

	Page		Page
Acer	6	Laburnum	8
Almond, Pink Flowering	19	Lagerstroemia	17
Alpine Currant	20	Ligustrum	28
Althea (Hibiscus)	16	Lilac	22
Amorpha	32	LINING OUT STOCK	32
Ampelopsis (Parthenocissus)	27		
Ash	8, 33	Magnolia	9
		Malus, Ornamental	9
Barberry	18, 28	Maple	6
Beautyberry	14	Mockorange	18, 33
Beautybush	17	Multiflora Rose	30
Bignonia (Campsis)	26		
Birch	7	Ninebark	19
Bittersweet	26		
Black Locust	34	Oak	10, 33
Boston Ivy	27		
		Parthenocissus	27
Caragana	14, 28, 32	Peach, Flowering	10
Caryopteris Blue Mist	14	PERENNIALS	47
Catalpa	32	Philadelphus	18, 33
Cercis	7, 32	Physocarpus	19
Chaenomeles (Cydonia)	14, 28	Plum Ornamental	10, 19
Clematis	26	Polygonum	27
Crab Ornamental	9	Poplar	10, 33
Crapemyrtle	17	Privet	28
Deutzia	15	Quince, Flowering	14, 28
Diospyros	32	Quercus	10, 33
Dogwood	7, 14		
		Rhus	20, 34
Elaeagnus	32	Ribes	20
Elm	12, 34	Rosa	30, 34
Engelmann Ivy	27	ROSES	35
Euonymus	15, 26	Russian Olive	32
EVERGREEN	31		
		Salix	11, 20
Forest Tree Seedlings	32	Seedlings	32
Fraxinus	8, 33	SHADE TREES	6
Forsythia	16	SHRUBS	13
FRUIT TREES	1	SMALL FRUITS	3
		Snowball	24
Gleditsia	8	Spirea	21, 30
		Sumac	20, 34
HEDGING	28	Symphoricarpos	22
Hibiscus	16	Syringa	22
Honeylocust	8		
Honeysuckle	17, 27, 29, 33	Ulmus	12, 34
Hydrangea	16		
		Viburnum	23
Kolkwitzia	17	VINES	26
		Vitex	24
		Walnut	33
		Weigela	24
		Willow	11, 20
		Wisteria	28